

Phosphatidyl Ethanolamines

Adduct :	Protonated		Lithium	Ammonium	Sodium	Potassium	Deprotonated (-)	Formate (-)	Acetate (-)
Abbrev.	[M+H] ⁺	Nom. Mass	[M+Li] ⁺	[M+NH ₄] ⁺	[M+Na] ⁺	[M+K] ⁺	[M-H]	[M+HCOO]	[M+CH ₃ COO]
Di-CoPE	412.23	412	418.24	429.26	434.21	450.19	410.21	456.22	470.23
Di-EnPE	440.26	440	446.27	457.29	462.24	478.22	438.24	484.25	498.27
Di-CyPE	468.29	468	474.30	485.32	490.27	506.25	466.28	512.28	526.30
Di-PgPE	496.32	496	502.33	513.35	518.30	534.28	494.31	540.31	554.33
Di-CaPE	524.35	524	530.36	541.38	546.34	562.31	522.34	568.34	582.36
Di-(11)PE	552.39	552	558.39	569.41	574.37	590.34	550.37	596.37	610.39
Di-LaPE	580.42	580	586.42	597.44	602.40	618.37	578.40	624.41	638.42
Di-(13)PE	608.45	608	614.46	625.48	630.43	646.40	606.43	652.44	666.45
Di-MPE	636.48	636	642.49	653.51	658.46	674.43	634.46	680.47	694.48
Di-(15)PE	664.51	664	670.52	681.54	686.49	702.47	662.50	708.50	722.52
Di-PPE	692.54	692	698.55	709.57	714.52	730.50	690.53	736.53	750.55
Di-PoPE	688.51	688	694.52	705.54	710.49	726.47	686.49	732.50	746.52
Di-MaPE	720.57	720	726.58	737.60	742.55	758.53	718.56	764.56	778.58
Di-SPE	748.60	748	754.61	765.63	770.59	786.56	746.59	792.59	806.61
Di-OPE	744.57	744	750.58	761.60	766.55	782.53	742.56	788.56	802.58
Di-LPE	740.54	740	746.55	757.57	762.52	778.50	738.53	784.53	798.55
Di-LnPE	736.51	736	742.52	753.54	758.49	774.47	734.49	780.50	794.52
Di-APE	804.67	804	810.67	821.69	826.65	842.62	802.65	848.66	862.67
Di-GPE	800.63	800	806.64	817.66	822.62	838.59	798.62	844.62	858.64
Di-AoPE	788.54	788	794.55	805.57	810.52	826.50	786.53	832.53	846.55
Di-BPE	860.73	860	866.74	877.75	882.71	898.68	858.71	904.72	918.73
Di-EPE	856.70	856	862.71	873.72	878.68	894.65	854.68	900.69	914.70
Di-LgPE	916.79	916	922.80	933.82	938.77	954.75	914.78	960.78	974.80
Di-NPE	912.76	912	918.77	929.79	934.74	950.72	910.74	956.75	970.76
LaMPE	608.45	608	614.46	625.47	630.43	646.40	606.43	652.44	666.45
LaPPE	636.48	636	642.49	653.51	658.46	674.43	634.46	680.47	694.48
LaPoPE	634.46	634	640.47	651.49	656.45	672.42	632.45	678.45	692.47
LaSPE	664.51	664	670.52	681.54	686.49	702.47	662.49	708.50	722.52
LaOPE	662.49	662	668.50	679.52	684.48	700.45	660.48	706.48	720.50
LaLPE	660.48	660	666.49	677.51	682.46	698.43	658.46	704.47	718.48
LaLnPE	658.46	658	664.47	675.49	680.45	696.42	656.45	702.45	716.47
MPPE	664.51	664	670.52	681.54	686.49	702.47	662.49	708.50	722.52
MPoPE	662.49	662	668.50	679.52	684.48	700.45	660.48	706.48	720.50
MSPE	692.54	692	698.55	709.57	714.52	730.50	690.53	736.53	750.55
MOPE	690.53	690	696.53	707.55	712.51	728.48	688.51	734.52	748.53
MLPE	688.51	688	694.52	705.54	710.49	726.47	686.49	732.50	746.52
MLnPE	686.49	686	692.50	703.52	708.48	724.45	684.48	730.48	744.50
PPoPE	690.53	690	696.53	707.55	712.51	728.48	688.51	734.52	748.53
PSPE	720.57	720	726.58	737.60	742.55	758.53	718.56	764.56	778.58
POPE	718.56	718	724.56	735.58	740.54	756.51	716.54	762.55	776.56
PLPE	716.54	716	722.55	733.57	738.52	754.50	714.53	760.53	774.55
PLnPE	714.53	714	720.53	731.55	736.51	752.48	712.51	758.52	772.53
PoSPE	718.56	718	724.56	735.58	740.54	756.51	716.54	762.55	776.56
PoOPE	716.54	716	722.55	733.57	738.52	754.50	714.53	760.53	774.55
PoLPE	714.53	714	720.53	731.55	736.51	752.48	712.51	758.52	772.53
PoLnPE	712.51	712	718.52	729.54	734.49	750.47	710.49	756.50	770.52
SOPE	746.59	746	752.60	763.61	768.57	784.54	744.57	790.58	804.59
SLPE	744.57	744	750.58	761.60	766.55	782.53	742.56	788.56	802.58
SLnPE	742.56	742	748.56	759.58	764.54	780.51	740.54	786.55	800.56
OLPE	742.56	742	748.56	759.58	764.54	780.51	740.54	786.55	800.56
OLnPE	740.54	740	746.55	757.57	762.52	778.50	738.53	784.53	798.55
LLnPE	738.53	738	744.53	755.55	760.51	776.48	736.51	782.52	796.53
APPE	748.60	748	754.61	765.63	770.59	786.56	746.59	792.59	806.61
APoPE	746.59	746	752.60	763.61	768.57	784.54	744.57	790.58	804.59
ASPE	776.63	776	782.64	793.66	798.62	814.59	774.62	820.62	834.64
AOPE	774.62	774	780.63	791.65	796.60	812.58	772.60	818.61	832.62
ALPE	772.60	772	778.61	789.63	794.59	810.56	770.59	816.59	830.61
ALnPE	770.59	770	776.60	787.61	792.57	808.54	768.57	814.58	828.59
AGPE	802.65	802	808.66	819.68	824.63	840.61	800.63	846.64	860.66
AHLPE	798.62	798	804.63	815.65	820.60	836.58	796.60	842.61	856.62
AAoPE	796.60	796	802.61	813.63	818.59	834.56	794.59	840.59	854.61
GPPE	746.59	746	752.60	763.61	768.57	784.54	744.57	790.58	804.59
GPoPE	744.57	744	750.58	761.60	766.55	782.53	742.56	788.56	802.58
GSPE	774.62	774	780.63	791.65	796.60	812.58	772.60	818.61	832.62
GOPE	772.60	772	778.61	789.63	794.59	810.56	770.59	816.59	830.61

GLPE	770.59	770	776.60	787.61	792.57	808.54	768.57	814.58	828.59
GLnPE	768.57	768	774.58	785.60	790.55	806.53	766.56	812.56	826.58
GhLPE	796.60	796	802.61	813.63	818.59	834.56	794.59	840.59	854.61
GAoPE	794.59	794	800.60	811.61	816.57	832.54	792.57	838.58	852.59
hLPE	742.56	742	748.56	759.58	764.54	780.51	740.54	786.55	800.56
hLPoPE	740.54	740	746.55	757.57	762.52	778.50	738.53	784.53	798.55
hLSPE	770.59	770	776.60	787.61	792.57	808.54	768.57	814.58	828.59
hLOPE	768.57	768	774.58	785.60	790.55	806.53	766.56	812.56	826.58
hLLPE	766.56	766	772.56	783.58	788.54	804.51	764.54	810.55	824.56
hLLnPE	764.54	764	770.55	781.57	786.52	802.50	762.53	808.53	822.55
DhLPE	792.57	792	798.58	809.60	814.55	830.53	790.56	836.56	850.58
AoPPE	740.54	740	746.55	757.57	762.52	778.50	738.53	784.53	798.55
AoPoPE	738.53	738	744.53	755.55	760.51	776.48	736.51	782.52	796.53
AoSPE	768.57	768	774.58	785.60	790.55	806.53	766.56	812.56	826.58
AoOPE	766.56	766	772.56	783.58	788.54	804.51	764.54	810.55	824.56
AoLPE	764.54	764	770.55	781.57	786.52	802.50	762.53	808.53	822.55
AoLnPE	762.53	762	768.53	779.55	784.51	800.48	760.51	806.52	820.53
AoHLPE	790.56	790	796.56	807.58	812.54	828.51	788.54	834.55	848.56
BPPE	776.63	776	782.64	793.66	798.62	814.59	774.62	820.62	834.64
BPoPE	774.62	774	780.63	791.65	796.60	812.58	772.60	818.61	832.62
BSPE	804.67	804	810.67	821.69	826.65	842.62	802.65	848.66	862.67
BOPE	802.65	802	808.66	819.68	824.63	840.61	800.63	846.64	860.66
BLPE	800.63	800	806.64	817.66	822.62	838.59	798.62	844.62	858.64
BLnPE	798.62	798	804.63	815.65	820.60	836.58	796.60	842.61	856.62
BAPE	832.70	832	838.71	849.72	854.68	870.65	830.68	876.69	890.70
BGPE	830.68	830	836.69	847.71	852.66	868.64	828.67	874.67	888.69
BhLPE	826.65	826	832.66	843.68	848.63	864.61	824.63	870.64	884.66
BAoPE	824.63	824	830.64	841.66	846.62	862.59	822.62	868.62	882.64
EPPE	774.62	774	780.63	791.65	796.60	812.58	772.60	818.61	832.62
EPoPE	772.60	772	778.61	789.63	794.59	810.56	770.59	816.59	830.61
ESPE	802.65	802	808.66	819.68	824.63	840.61	800.63	846.64	860.66
EOPE	800.63	800	806.64	817.66	822.62	838.59	798.62	844.62	858.64
ELPE	798.62	798	804.63	815.65	820.60	836.58	796.60	842.61	856.62
ELnPE	796.60	796	802.61	813.63	818.59	834.56	794.59	840.59	854.61
EAPE	830.68	830	836.69	847.71	852.66	868.64	828.67	874.67	888.69
EGPE	828.67	828	834.67	845.69	850.65	866.62	826.65	872.66	886.67
EHLPE	824.63	824	830.64	841.66	846.62	862.59	822.62	868.62	882.64
EAOPE	822.62	822	828.63	839.65	844.60	860.58	820.60	866.61	880.62
EBPE	858.71	858	864.72	875.74	880.69	896.67	856.70	902.70	916.72
LgPPE	804.67	804	810.67	821.69	826.65	842.62	802.65	848.66	862.67
LgPoPE	802.65	802	808.66	819.68	824.63	840.61	800.63	846.64	860.66
LgSPE	832.70	832	838.71	849.72	854.68	870.65	830.68	876.69	890.70
LgOPE	830.68	830	836.69	847.71	852.66	868.64	828.67	874.67	888.69
LgLPE	828.67	828	834.67	845.69	850.65	866.62	826.65	872.66	886.67
LgLnPE	826.65	826	832.66	843.68	848.63	864.61	824.63	870.64	884.66
LgAPE	860.73	860	866.74	877.75	882.71	898.68	858.71	904.72	918.73
LgGPE	858.71	858	864.72	875.74	880.69	896.67	856.70	902.70	916.72
LghLPE	854.68	854	860.69	871.71	876.66	892.64	852.67	898.67	912.69
LgAoPE	852.67	852	858.67	869.69	874.65	890.62	850.65	896.66	910.67
LgBPE	888.76	888	894.77	905.79	910.74	926.72	886.74	932.75	946.76
LgEPE	886.74	886	892.75	903.77	908.73	924.70	884.73	930.73	944.75
NPPE	802.65	802	808.66	819.68	824.63	840.61	800.63	846.64	860.66
NPoPE	800.63	800	806.64	817.66	822.62	838.59	798.62	844.62	858.64
NSPE	830.68	830	836.69	847.71	852.66	868.64	828.67	874.67	888.69
NOPE	828.67	828	834.67	845.69	850.65	866.62	826.65	872.66	886.67
NLPE	826.65	826	832.66	843.68	848.63	864.61	824.63	870.64	884.66
NLnPE	824.63	824	830.64	841.66	846.62	862.59	822.62	868.62	882.64
NAPE	858.71	858	864.72	875.74	880.69	896.67	856.70	902.70	916.72
NGPE	856.70	856	862.71	873.72	878.68	894.65	854.68	900.69	914.70
NhLPE	852.67	852	858.67	869.69	874.65	890.62	850.65	896.66	910.67
NAoPE	850.65	850	856.66	867.68	872.63	888.61	848.63	894.64	908.66
NBPE	886.74	886	892.75	903.77	908.73	924.70	884.73	930.73	944.75
NEPE	884.73	884	890.74	901.75	906.71	922.68	882.71	928.72	942.73
NLgPE	914.78	914	920.78	931.80	936.76	952.73	912.76	958.76	972.78