

Product Data Sheet

Tetradecyl Phosphonate

Cat. No.: C3343
CAS No.: 4671-75-4
Formula: C₁₄H₃₁O₃P
M.Wt: 278.4
Synonyms:
Target: GPCR/G protein
Pathway: LPA Receptor
Storage: Store at -20°C



Solvent & Solubility

≥27.8 mg/mL in ETOH; insoluble in H₂O; ≥2.27 mg/mL in DMSO with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	3.5920 mL	17.9598 mL	35.9195 mL
		5 mM	0.7184 mL	3.5920 mL	7.1839 mL
		10 mM	0.3592 mL	1.7960 mL	3.5920 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

pan-antagonist of lysophosphatidic acid 1 (LPA1), LPA2, and LPA3 receptors

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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