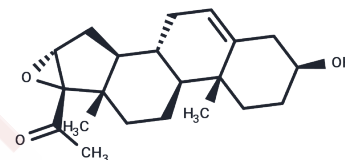


16,17-Epoxypregnenol

Chemical Properties

CAS No. :	974-23-2
Formula:	C ₂₁ H ₃₀ O ₃
Molecular Weight:	330.46
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	16,17-Epoxypregnenol is a useful organic compound for research related to life sciences. The catalog number is T3222 and the CAS number is 974-23-2.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (151.3 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0261 mL	15.1304 mL	30.2608 mL
5 mM	0.6052 mL	3.0261 mL	6.0522 mL
10 mM	0.3026 mL	1.513 mL	3.0261 mL
50 mM	0.0605 mL	0.3026 mL	0.6052 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Zhu, X., Pang, C., Cao, Y., & Fan, D. (2016). Biotransformation of Cholesterol and 16 α ,17 α -Epoxypregnenolone and Isolation of Hydroxylase in *Burkholderia cepacia* SE-1. *Biomed Research International*, 2016, 1-8. doi: 10.1155/2016/5727631
- Chávez-Riveros, A., Cruz Noriega, A., Ramírez Apan, M., Miranda, L., & Bratoeff, E. (2018). Synthesis and cytotoxic effect of pregnenolone derivatives with one or two α,β -unsaturated carbonyls and an ester moiety at C-21 or C-3. *Steroids*, 131, 37-45. doi: 10.12016/j.steroids.2018.01.2004

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