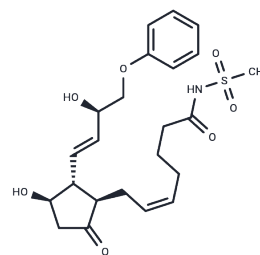


Sulprostone

Chemical Properties

CAS No. :	60325-46-4
Formula:	C ₂₃ H ₃₁ N ₁ O ₇ S
Molecular Weight:	465.56
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	EP3 and EP1 receptor agonist
Targets(IC50)	Others, Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.148 mL	10.7398 mL	21.4795 mL
5 mM	0.4296 mL	2.148 mL	4.2959 mL
10 mM	0.2148 mL	1.074 mL	2.148 mL
50 mM	0.043 mL	0.2148 mL	0.4296 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

- Williams C S, Goldman A P, Sheng H, et al. Sulindac sulfide, but not sulindac sulfone, inhibits colorectal cancer growth[J]. Neoplasia, 1999, 1(2): 170-176.
- CHANG W E N C H I L, Everley L C, Pfeiffer G R, et al. Sulindac Sulfone Is Most Effective in Modulating β -Catenin-Mediated Transcription in Cells with Mutant APC[J]. Annals of the New York Academy of Sciences, 2005, 1059(1): 41-55.
- Stoner G D, Budd G T, Ganapathi R, et al. Sulindac sulfone induced regression of rectal polyps in patients with familial adenomatous polyposis[M]//Colon Cancer Prevention. Springer US, 1999: 45-53.

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