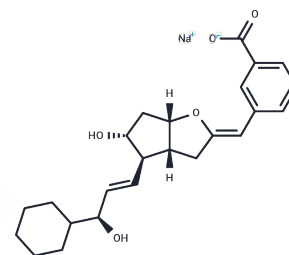


Taprostene sodium

Chemical Properties

CAS No. :	87440-45-7
Formula:	C ₂₄ H ₂₉ NaO ₅
Molecular Weight:	420.474
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	Taprostene sodium acts as a partial agonist of the prostacyclin (IP) receptor in the prostaglandin class. It interacts with Prostaglandin E2 (PGE2), ONO-AE1-259 (a selective EP2 agonist), and acetylcholine. Taprostene sodium offers significant cardioprotective effects.
Targets(IC50)	AChR, Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3783 mL	11.8915 mL	23.7829 mL
5 mM	0.4757 mL	2.3783 mL	4.7566 mL
10 mM	0.2378 mL	1.1891 mL	2.3783 mL
50 mM	0.0476 mL	0.2378 mL	0.4757 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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