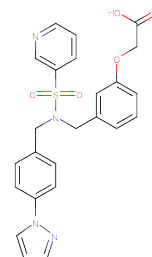


Taprenepag

Chemical Properties

CAS No. :	752187-80-7
Formula:	C ₂₄ H ₂₂ N ₄ O ₅ S
Molecular Weight:	478.52
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Taprenepag (CP-544326) (CP-544326) is a potent and selective prostaglandin E ₂ receptor agonist (EC ₅₀ = 2.8 nM). Taprenepag has been used in trials studying the treatment of Ocular Hypertension and Glaucoma, Open-Angle.
Targets(IC ₅₀)	Prostaglandin Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (114.94 mM), (1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0898 mL	10.4489 mL	20.8978 mL
5 mM	0.418 mL	2.0898 mL	4.1796 mL
10 mM	0.209 mL	1.0449 mL	2.0898 mL
50 mM	0.0418 mL	0.209 mL	0.418 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.

Reference

Prasanna G, et al. Exp Eye Res. 2011 Sep;93(3):256-64.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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