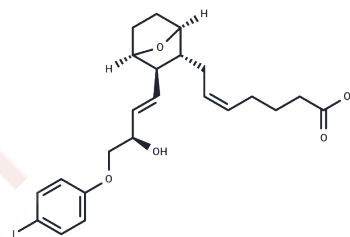


I-BOP

Chemical Properties

CAS No. :	128719-90-4
Formula:	C ₂₃ H ₂₉ O ₅
Molecular Weight:	512.384
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	I-BOP is an agonist (KD=0.61 nM) at the thromboxane A ₂ receptor (TP). I-BOP promotes cell proliferation by activating the PI3K pathway in vascular smooth muscle.
Targets(IC ₅₀)	Others, Prostaglandin Receptor

Solubility Information

Solubility	DMSO: ≤25 mg/mL, Sonication is recommended. DMF: 25 mg/mL (48.79 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	1.9517 mL	9.7584 mL	19.5168 mL
5 mM	0.3903 mL	1.9517 mL	3.9034 mL
10 mM	0.1952 mL	0.9758 mL	1.9517 mL
50 mM	0.039 mL	0.1952 mL	0.3903 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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