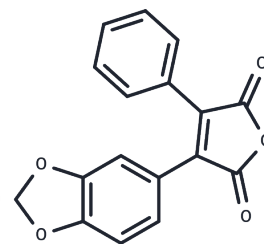


BPD

Chemical Properties

CAS No. :	213481-12-0
Formula:	C17H10O5
Molecular Weight:	294.258
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	BPD is a COX-2 and TAK1-NF-κB inhibitor with an IC ₅₀ of 18.5 μM for COX-2. It suppresses the expression of iNOS, TNF-α, IL-6, and IL-1β at the transcriptional level. BPD possesses anti-inflammatory properties and can inhibit carrageenan-induced paw edema as well as LPS-induced septic death.
Targets(IC ₅₀)	NF-κB, COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3984 mL	16.9918 mL	33.9836 mL
5 mM	0.6797 mL	3.3984 mL	6.7967 mL
10 mM	0.3398 mL	1.6992 mL	3.3984 mL
50 mM	0.068 mL	0.3398 mL	0.6797 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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