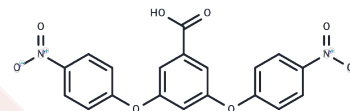


## 3,5-Bis(4-nitrophenoxy)benzoic acid

## Chemical Properties

CAS No. :	173550-33-9
Formula:	C <sub>19</sub> H <sub>12</sub> N <sub>2</sub> O <sub>8</sub>
Molecular Weight:	396.31
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	3,5-Bis(4-nitrophenoxy)benzoic acid (Compound W) is a $\gamma$ -secretase inhibitor that reduces the levels of released A $\beta$ 42 and notch-1 A $\beta$ -like peptide 25 (N $\beta$ 25).
Targets(IC50)	Gamma-secretase

## Solubility Information

Solubility	DMSO: 50 mg/mL (126.16 mM),Sonication is recommended. 1.1eq. NaOH: < 19.81 mg/mL,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	2.5233 mL	12.6164 mL	25.2328 mL
5 mM	0.5047 mL	2.5233 mL	5.0466 mL
10 mM	0.2523 mL	1.2616 mL	2.5233 mL
50 mM	0.0505 mL	0.2523 mL	0.5047 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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