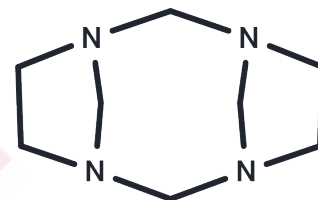


SMBA2

Chemical Properties

CAS No. :	18304-79-5
Formula:	C ₈ H ₁₆ N ₄
Molecular Weight:	168.24
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	SMBA2 is a Bax activator. It acts by specifically targeting the binding pocket at S184.
Targets(IC50)	Apoptosis,Bcl-2 Family,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9439 mL	29.7194 mL	59.4389 mL
5 mM	1.1888 mL	5.9439 mL	11.8878 mL
10 mM	0.5944 mL	2.9719 mL	5.9439 mL
50 mM	0.1189 mL	0.5944 mL	1.1888 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.

Reference

- Xin M, Li R, Xie M, Park D, Owonikoko TK, Sica GL, Corsino PE, Zhou J, Ding C, White MA, Magis AT, Ramalingam SS, Curran WJ, Khuri FR, Deng X. Small-molecule Bax agonists for cancer therapy. *Nat Commun.* 2014 Sep 17;5:4935. doi: 10.1038/ncomms5935. PubMed PMID: 25230299; PubMed Central PMCID: PMC4172359.
- Yamanaka K, Ogura T, Koonin EV, Niki H, Hiraga S. Multicopy suppressors, mssA and mssB, of an smbA mutation of *Escherichia coli*. *Mol Gen Genet.* 1994 Apr;243(1):9-16. PubMed PMID: 8190075.
- Yamanaka K, Ogura T, Murata K, Suzaki T, Niki H, Hiraga S. Characterization of translucent segments observed in an smbA mutant of *Escherichia coli*. *FEMS Microbiol Lett.* 1994 Feb 1;116(1):61-6. PubMed PMID: 8132156.

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