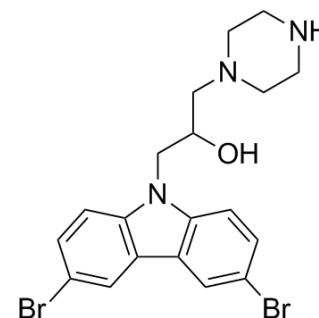


## BAI1

Cat. No.:	HY-103269		
CAS No.:	335165-68-9		
Molecular Formula:	C <sub>19</sub> H <sub>21</sub> Br <sub>2</sub> N <sub>3</sub> O		
Molecular Weight:	467.2		
Target:	Bcl-2 Family		
Pathway:	Apoptosis		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### Solvent & Solubility

#### In Vitro

DMSO : 18.67 mg/mL (39.96 mM; Need ultrasonic)  
 H<sub>2</sub>O : < 0.1 mg/mL (insoluble)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.1404 mL	10.7021 mL	21.4041 mL
	5 mM	0.4281 mL	2.1404 mL	4.2808 mL
	10 mM	0.2140 mL	1.0702 mL	2.1404 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
 Solubility: ≥ 1.87 mg/mL (4.00 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
 Solubility: ≥ 1.87 mg/mL (4.00 mM); Clear solution

### BIOLOGICAL ACTIVITY

**Description** BAI1 is a direct allosteric inhibitor of BAX.

**IC<sub>50</sub> & Target** Bax

### REFERENCES

**Caution: Product has not been fully validated for medical applications. For research use only.**

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