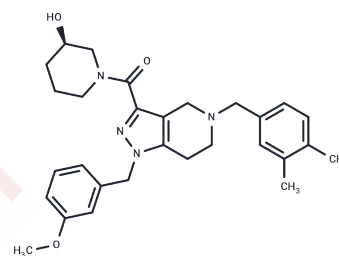


## Bax activator-1

## Chemical Properties

CAS No. :	1638526-94-9
Formula:	C <sub>29</sub> H <sub>36</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	488.62
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	Bax activator-1 (compound 106) is a Bax activator that induces Bax-dependent tumor cell apoptosis[1].
Targets(IC50)	Apoptosis, Bcl-2 Family
In vitro	Bax activator-1 (20-80 μM; 48 hours) induces Bax-dependent tumor cell apoptosis in a dose-dependent manner [1].
In vivo	Bax activator-1 (40 mg/kg; administered i.p. daily for 13 days) inhibits lung tumor growth in C57BL/6 female mice[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0466 mL	10.2329 mL	20.4658 mL
5 mM	0.4093 mL	2.0466 mL	4.0932 mL
10 mM	0.2047 mL	1.0233 mL	2.0466 mL
50 mM	0.0409 mL	0.2047 mL	0.4093 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

Zhao G, et al. Activation of the proapoptotic Bcl-2 protein Bax by a small molecule induces tumor cell apoptosis. Mol Cell Biol. 2014 Apr;34(7):1198-207.

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