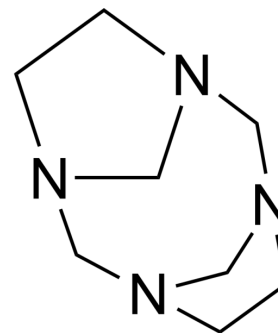


## Bax agonist 1

Cat. No.:	HY-119682
CAS No.:	18304-79-5
Molecular Formula:	C <sub>8</sub> H <sub>16</sub> N <sub>4</sub>
Molecular Weight:	168.24
Target:	Bcl-2 Family; Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Bax agonist 1 (compound SMBA2) is a Bax agonist ( $K_i=57.2$ nM). Bax agonist 1 induces Bax conformational changes by blocking S184 phosphorylation, promoting Bax insertion into the mitochondrial membrane and forming Bax oligomers, which induce cytochrome c release and apoptosis in malignant cancer cells expressing Bax. Bax agonist 1 can be used in lung cancer research <sup>[1]</sup> .
IC <sub>50</sub> & Target	Bax 57.2 nM (K <sub>i</sub> )

### REFERENCES

[1]. Meiguo Xin, et al. Small-molecule Bax agonists for cancer therapy. Nature communications 5.1 (2014): 4935.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA