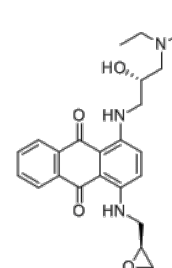


Product Name : BDA-366
Cat. No. : PC-60281
CAS No. : 1909226-00-1
Molecular Formula : C₂₄H₂₉N₃O₄
Molecular Weight : 423.5
Target : Bcl-2
Solubility : 10 mM in DMSO



Biological Activity

BDA-366 (NSC639366) is a potent, selective **Bcl2 BH4 domain** antagonist with K_i of 3.3 nM.

BDA-366 (NSC639366) shows no affinity for other Bcl2 family members, including Bcl-XL, Mcl-1, or Bfl-1/A1.

BDA-366 (NSC639366) induces apoptotic cell death in a Bax-dependent manner, and induces calcium (Ca²⁺) release via inhibition of Bcl2/IP3R interaction; potently represses lung cancer in vivo.

BDA-366 (NSC639366) induces Bcl2 conformational change in tumor tissues.

References

Han B, et al. *Cancer Cell*. 2015 Jun 8;27(6):852-63.

Deng J, et al. *Oncotarget*. 2016 May 10;7(19):27753-63.

Vervloessem T, et al. *Aging (Albany NY)*. 2015 Oct;7(10):748-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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