

WEHI-9625

Chemical Properties

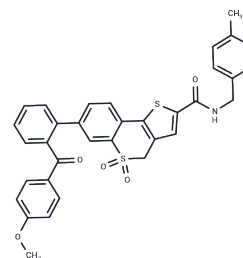
CAS No. : 2595314-46-6

Formula: C₃₄H₂₇N₁O₅S₂

Molecular Weight: 593.71

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	WEHI-9625 is a tricyclic sulfone small molecule apoptosis inhibitor (EC ₅₀ : 69 nM).
Targets(IC ₅₀)	Apoptosis, Bcl-2 Family, VDAC
In vitro	In Mcl1 ^{-/-} Bax ^{-/-} MEFs cells, WEHI-9625 (0-10 μM) treatment could prevent cell death mediated by BAK and potently inhibits BIM BH3-induced loss of mitochondrial membrane potential in Bax ^{-/-} , but not Bak ^{-/-} , cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6843 mL	8.4216 mL	16.8432 mL
5 mM	0.3369 mL	1.6843 mL	3.3686 mL
10 mM	0.1684 mL	0.8422 mL	1.6843 mL
50 mM	0.0337 mL	0.1684 mL	0.3369 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

van Delft MF, et al. A small molecule interacts with VDAC2 to block mouse BAK-driven apoptosis. Nat Chem Biol. 2019 Oct 7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481