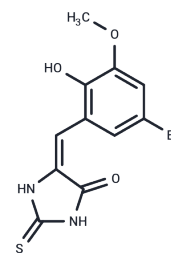


(E/Z)-IT-603

Chemical Properties

CAS No. : 292168-90-2
 Formula: C₁₁H₉BrN₂O₃S
 Molecular Weight: 329.17
 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	(E/Z)-IT-603 is a cell-permeable c-Rel inhibitor (IC ₅₀ : 3μM) that directly and reversibly binds to c-Rel, altering its conformation and inhibiting its DNA binding and transcriptional activity.
Targets(IC ₅₀)	NF-κB

Solubility Information

Solubility	DMSO: 27.5 mg/mL (83.54 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0379 mL	15.1897 mL	30.3794 mL
5 mM	0.6076 mL	3.0379 mL	6.0759 mL
10 mM	0.3038 mL	1.519 mL	3.0379 mL
50 mM	0.0608 mL	0.3038 mL	0.6076 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

Shono Y, Tuckett A Z, Ouk S, et al. A Small-Molecule c-Rel Inhibitor Reduces Alloactivation of T Cells without Compromising Antitumor Activity[J]. Cancer Discovery, 2014, 4(5):578-91.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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