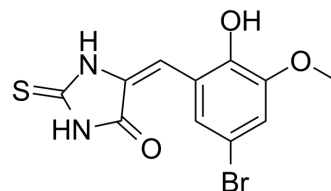


(E/Z)-IT-603

Cat. No.:	HY-121508		
CAS No.:	292168-90-2		
Molecular Formula:	C ₁₁ H ₉ BrN ₂ O ₃ S		
Molecular Weight:	329.17		
Target:	NF-κB		
Pathway:	NF-κB		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (379.74 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
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	1.5190 mL	3.0379 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

(E/Z)-IT-603 is a mixture of E-IT-603 and Z-IT-603 (IT-603). IT-603 is a c-Rel inhibitor with an IC₅₀ of 3 μM. IT-603 has anti-tumor activity. (E/Z)-IT-603 is a promising modulator of T-cell responses in the context of graft-versus-host disease (GVHD) and malignant diseases^[1].

REFERENCES

[1]. Yusuke Shono, et al. A small molecule c-Rel inhibitor reduces alloactivation of T-cells without compromising anti-tumor activity. *Cancer Discov.* 2014 May; 4(5): 578-591.

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