

Product Data Sheet

Product Name: (E/Z)-IT-603

Cat. No.: GC61564

Chemical Properties

Cas. No. 292168-90-2

SMILES O=C(/C(N1)=C\C2=CC(Br)=CC(OC)=C2O)NC1=S

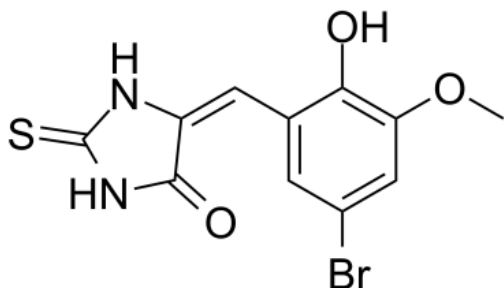
Formula $C_{11}H_9BrN_2O_3S$ M.Wt 329.17

Solubility DMSO: 125 mg/mL (379.74 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

(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].

[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.

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