

Datasheet

Inhibitors / Agonists / Screening Libraries

A DRUG SCREENING EXPERT

Product Name : ITX3
Catalog Number : T15602
CAS Number : 347323-96-0
Molecular Formula : C22H17N3OS
Molecular Weight : 371.45

Description: ITX3 is a specific and nontoxic inhibitor of the TrioN (N-terminal GEF domain of the multidomain Trio protein) (IC50: 76 μ M). ITX3 inhibits TrioN-stimulated RhoG exchange in vitro.

Storage: 2 years -80°C in solvent; 3 years -20°C powder;

Solubility	DMSO	2 mg/mL (5.38 mM), ultrasonic and warming and heat to 80°C
	(< 1 mg/ml refers to the product slightly soluble or insoluble)	

Receptor (IC50)	Others	
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Reference

1. Bouquier N, et al. A cell active chemical GEF inhibitor selectively targets the Trio/RhoG/Rac1 signaling pathway. Chem Biol. 2009 Jun 26;16(6):657-66.
2. Yano T, et al. Tara up-regulates E-cadherin transcription by binding to the Trio RhoGEF and inhibiting Rac signaling. J Cell Biol. 2011 Apr 18;193(2):319-32.

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Information for product storage and handling is indicated on the product datasheet. Targetmol products are stable for long term under the recommended storage conditions. Our products may be shipped under different conditions as many of them are stable in the short-term at higher or even room temperatures. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, please follow the storage recommendations on the product data sheet.