

MTBT

Chemical Properties

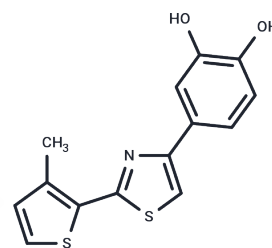
CAS No. : 1110905-26-4

Formula: C₁₄H₁₁NO₂S₂

Molecular Weight: 289.37

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	MTBT is the proliferation of cancer cells inhibitor. It induces cell cycle arrest and activates p38 MAPK.
Targets(IC50)	Others,p38 MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4558 mL	17.2789 mL	34.5578 mL
5 mM	0.6912 mL	3.4558 mL	6.9116 mL
10 mM	0.3456 mL	1.7279 mL	3.4558 mL
50 mM	0.0691 mL	0.3456 mL	0.6912 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

Zhang J, Zhang X, Wu L, Wang T, Zhao J, Zhang Y, Men Z, Mao H. Occurrence of benzothiazole and its derivatives in tire wear, road dust, and roadside soil. *Chemosphere*. 2018 Jun;201:310-317. doi: 10.1016/j.chemosphere.2018.03.007. Epub 2018 Mar 3. PubMed PMID: 29525659.

Pugliese M, Ramsay T, Johnson D, Dowlathshahi D. Mobile tablet-based therapies following stroke: A systematic scoping review of administrative methods and patient experiences. *PLoS One*. 2018 Jan 23;13(1):e0191566. doi: 10.1371/journal.pone.0191566. eCollection 2018. Review. PubMed PMID: 29360872; PubMed Central PMCID: PMC5779660.

Pugliese M, Johnson D, Dowlathshahi D, Ramsay T. Mobile tablet-based therapies following stroke: a systematic scoping review protocol of attempted interventions and the challenges encountered. *Syst Rev*. 2017 Nov 2;6(1):219. doi: 10.1186/s13643-017-0620-6. PubMed PMID: 29096723; PubMed Central PMCID: PMC5669017.

Wejnarska K, Kołodziejczyk E, Ryżko J, Oracz G. Comparison of 72-hour fecal fat quantification and the 13C-mixed triglyceride breath test in assessing pancreatic exocrine sufficiency in children with chronic pancreatitis. *Dev Period Med*. 2016;20(3):222-227. PubMed PMID: 27941193.

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