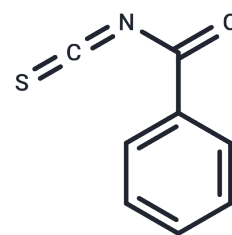


Benzoyl isothiocyanate

Chemical Properties

CAS No. :	532-55-8
Formula:	C ₈ H ₅ NOS
Molecular Weight:	163.20
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	Benzoyl isothiocyanate is a toluene derivative containing an isothiocyanate group, demonstrating inhibitory effects against Trypanosoma brucei, applicable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1275 mL	30.6373 mL	61.2745 mL
5 mM	1.2255 mL	6.1275 mL	12.2549 mL
10 mM	0.6127 mL	3.0637 mL	6.1275 mL
50 mM	0.1225 mL	0.6127 mL	1.2255 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

- Atiş M, et al. Structural, antimicrobial and computational characterization of 1-benzoyl-3-(5-chloro-2-hydroxyphenyl)thiourea. Spectrochim Acta A Mol Biomol Spectrosc. 2012 Dec;98:290-301.
- Madhusudhana Reddy P, et al. Robust, sensitive and facile method for detection of F⁻, CN⁻ and Ac⁻ anions. Spectrochim Acta A Mol Biomol Spectrosc. 2017 Nov 5;186:8-16.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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