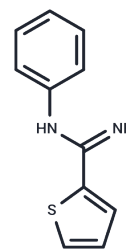


N-phenylthiophene-2-carboximidamide

Chemical Properties

CAS No. :	3737-39-1
Formula:	C ₁₁ H ₁₀ N ₂ S
Molecular Weight:	202.28
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	N-phenylthiophene-2-carboximidamide is a thiophene derivative that functions as an inhibitor of protein tyrosine kinases (PTKs) and a ligand for G protein-coupled receptors (GPCRs).
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (271.9 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9436 mL	24.7182 mL	49.4364 mL
5 mM	0.9887 mL	4.9436 mL	9.8873 mL
10 mM	0.4944 mL	2.4718 mL	4.9436 mL
50 mM	0.0989 mL	0.4944 mL	0.9887 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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