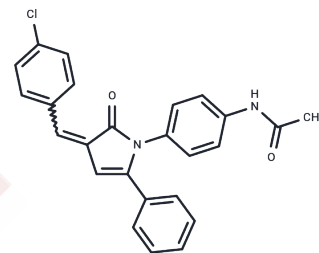


inS3-54-A26

Chemical Properties

CAS No. : 328998-77-2
 Formula: C₂₅H₁₉ClN₂O₂
 Molecular Weight: 414.88
 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	inS3-54-A26 is an inhibitor of the DNA-binding domain of STAT3. inS3-54-A26 suppresses tumor growth, metastasis and the gene expression of STAT3.
Targets(IC50)	STAT

Solubility Information

Solubility	DMSO: 4.15 mg/mL (10 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4103 mL	12.0517 mL	24.1034 mL
5 mM	0.4821 mL	2.4103 mL	4.8207 mL
10 mM	0.241 mL	1.2052 mL	2.4103 mL
50 mM	0.0482 mL	0.241 mL	0.4821 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

Jian-Ting Zhang. Inhibitors Targeting the DNA-Binding Domain of Human STAT3 for Treatment of Metastatic Cancers. US 20150094353 A1

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