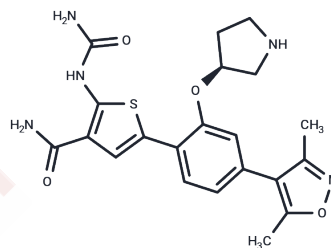


AZD3264

Chemical Properties

CAS No. : 1609281-86-8
 Formula: C₂₁H₂₃N₅O₄S
 Molecular Weight: 441.5
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	AZD3264 is a new type IKK2 inhibitor.
Targets(IC ₅₀)	IκB/IKK
In vitro	AZD3264, by inhibiting IKK2, prevents inflammatory conditions such as asthma, chronic pulmonary obstructive disorder (COPD) and rheumatoid arthritis. [1]

Solubility Information

Solubility	Ethanol: 2 mg/mL (4.53 mM),Heating is recommended. DMSO: 82 mg/mL (185.73 mM),Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.265 mL	11.325 mL	22.6501 mL
5 mM	0.453 mL	2.265 mL	4.530 mL
10 mM	0.2265 mL	1.1325 mL	2.265 mL
50 mM	0.0453 mL	0.2265 mL	0.453 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.

Reference

Murugan A, et al. Org. Process Res. Dev. 2014, 18, 646–651.

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:36 Washington Street,Wellesley Hills,MA 02481