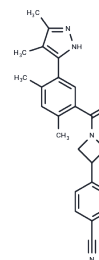


FASN-IN-3

Chemical Properties

CAS No. :	2097262-60-5
Formula:	C ₂₄ H ₂₄ N ₄ O
Molecular Weight:	384.47
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	FASN-IN-3 is an inhibitor of fatty acid synthase (FASN).
Targets(IC50)	Fatty Acid Synthase
In vitro	For monocytes, FASN-IN-3 treatment reduces the level of IL-1 beta resulting from LTA stimulation whereas there is only a slight reduction after LPS stimulation. Human PBMC and monocytes in cell cultures are stimulated with lipopolysaccharide (LPS), a Toll 4 receptor agonist, or lipoteichoic acid (LTA), a Toll 2 receptor agonist. Stimulation with either LPS or LTA plus DMSO, the solvent for FASN-IN-3, results in secretion of IL-1 beta. FASN inhibitor 1 treatment of PBMC, which is a mixed population of mononuclear cells including both lymphocytes and monocytes, reduces the level of IL-1 beta resulting from either LPS or LTA stimulation.

Solubility Information

Solubility	DMSO: 33.33 mg/mL (86.69 mM), Sonication and heating to 80°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.601 mL	13.0049 mL	26.0098 mL
5 mM	0.5202 mL	2.601 mL	5.202 mL
10 mM	0.2601 mL	1.3005 mL	2.601 mL
50 mM	0.052 mL	0.2601 mL	0.5202 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

Buckley, Douglas I, et al. HETEROCYCLIC MODULATORS OF LIPID SYNTHESIS. US20170119786A1

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