

FASN inhibitor 1

Catalog No: tcsc0035379



Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg



Specifications

CAS No:

2097262-60-5

Formula:

$C_{24}H_{24}N_4O$

Pathway:

Metabolic Enzyme/Protease

Target:

Fatty Acid Synthase (FAS)

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

384.47

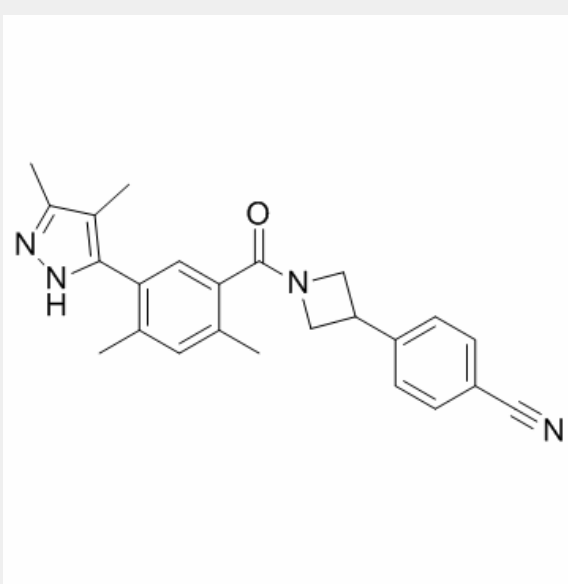
Product Description

FASN inhibitor 1 is a **fatty acid synthase (FASN)** inhibitor extracted from patent US20170119786A1, compound 242A.

IC50 & Target: FASN^[1]

In Vitro:

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 inhibitor 1 (Compound 242A), 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. For monocytes, FASN inhibitor 1 treatment reduces the level of IL-1 beta resulting from LTA stimulation whereas there is only a slight reduction after LPS stimulation^[1].



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