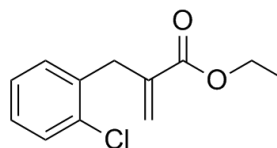


Product Name : INF39
Synonyms : NLRP3 inhibitor INF39
Cat No. : M16293
CAS Number : 866028-26-4
Molecular Formula : C₁₂H₁₃ClO₂
Formula Weight : 224.68
Chemical Name : Ethyl 2-(2-chlorobenzyl)acrylate



Description : INF39 (NLRP3 inhibitor INF39) is a nontoxic, irreversible, orally available NLRP3 inhibitor that inhibits NLRP3 ATPase and decreases interleukin-1 β release from macrophages; significantly inhibit ATP- and nigericin-induced IL-1 β release in mouse bone marrow derived macrophages (BMDM) at 10 μ M, reduces colonic myeloperoxidase, IL-1 β , and TNF Levels in DNBS-treated rats.

Pathway : NF- κ B

Target : NOD

Receptor : NLRP3

Solubility : DMSO: 10 mM (< 1 mg/ml refers to the product slightly soluble or insoluble)

SMILES : ClC1=CC(C(C(=O)OCC)=C)C=CC=C1

Storage : (-20°C)

Stability : \geq 2 years

Reference :

1. Cocco M, et al. J Med Chem. 2017 May 11;60(9):3656-3671.