

Product Name	: NLRP3-IN-13
Synonyms	: —
Cat No.	: M36488
CAS Number	: 1704638-35-6
Molecular Formula	: C ₁₉ H ₁₅ N ₃ O ₃ S
Formula Weight	: 365.41
Chemical Name	: —
Description	NLRP3-IN-13 (Compound C77 in reference patent) is a selective and potent NLRP3 inhibitor (IC ₅₀ : 2.1 μM). NLRP3-IN-13 inhibits NLRP3 andNLRC4 inflammasomes, and inhibits NLRP3-mediated IL-1β production. NLRP3-IN-13 also inhibits NLRP3 ATPase activity. NLRP3-IN-13 can be used in the research of neuroinflammatory disorders.
Pathway	: NF-κB
Target	: NOD
Receptor	: NOD
Solubility	: In Vitro: ?DMSO : 50 mg/mL (136.83 mM; Ultrasonic)
SMILES	: <chem>O=C1OC=2C=CC=CC2N1CC(=O)NCC3=CN=CC(=C3)C4=CSC=C4</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Devita Robert, et al. Benzoxazolones as inhibitors of inflammasomes and their preparation. Patent. WO2022187804.