
NLRP3/AIM2-IN-3

产品编号: D54625

CAS: 1787787-60-3

分子式: C₁₆H₁₄N₂O₂

纯度: 97.16%

InChi Key: InChIKey=UOBOMCZZCHPHBU-UHFFFAOYSA-N

Smiles: O=C(NC=1C=CC=C(O)C1)CC=2C=CC=3C=CNC3C2

外观: 固体粉末

作用通路: Immunology/Inflammation;NF-κB

作用靶点: NOD;AIM2

溶解性: DMSO : 225.0 mg/mL (844.9 mM; Need ultrasonic); Methanol : 45.0 mg/mL (169.0 mM; Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: NLRP3/AIM2-IN-3 is a unique molecule that inhibits NLRP3 and AIM2 inflammasome activation in a species-specific manner. It has an IC₅₀ value for cell lysis of 0.077 ± 0.008 μM. NLRP3/AIM2-IN-3 is a potent inhibitor of NLRP3 and AIM2 inflammasome-dependent cell lysis with an IC₅₀ value for cell lysis of 0.077 ± 0.008 μM. NLRP3/AIM2-IN-3 inhibits LPS/nigericin NLRP3/AIM2-IN-3 inhibits LPS/nigericin-stimulated cell lysis in THP-1 macrophages with an IC₅₀ value of 0.077 ± 0.008 μM. NLRP3/AIM2-IN-3 interferes with the interaction of NLRP3 or AIM2 with the bridging protein ASC, inhibiting oligomerization of ASC.