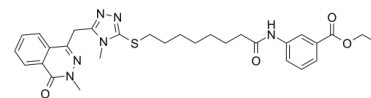


Data Sheet

Product Name:	IL-15-IN-1
Cat. No.:	CS-0022842
CAS No.:	1831830-20-6
Molecular Formula:	C ₃₀ H ₃₆ N ₆ O ₄ S
Molecular Weight:	576.71
Target:	Interleukin Related
Pathway:	Immunology/Inflammation
Solubility:	DMSO : 125 mg/mL (216.75 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

IL-15-IN-1 is a potent and selective **Interleukin 15 (IL-15)** inhibitor, inhibiting the proliferation of IL-15-dependent cells with an **IC₅₀** of 0.8 μM. IC₅₀ & Target: IC₅₀: 0.8 μM (proliferation of IL-15-dependent cells)^[1]

References:

[1]. Quéméner A, et al. Discovery of a Small-Molecule Inhibitor of Interleukin 15: Pharmacophore-Based Virtual Screening and Hit Optimization. J Med Chem. 2017 Jul 27;60(14):6249-6272.

CAIndexNames:

Benzoic acid, 3-[[8-[[5-[(3,4-dihydro-3-methyl-4-oxo-1-phthalazinyl)methyl]-4-methyl-4H-1,2,4-triazol-3-yl]thio]-1-oxooctyl]amino]-, ethyl ester

SMILES:

CN1C(CC2=NN(C)C(C3=CC=CC=C32)=O)=NN=C1SCCCCCCCC(NC4=CC=CC(C(OCC)=O)=C4)=O

Caution: Product has not been fully validated for medical applications. For research use only.

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