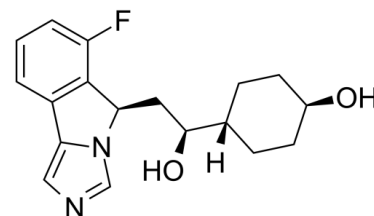


Data Sheet

Product Name:	IDO-IN-8
Cat. No.:	CS-5087
CAS No.:	1402837-77-7
Molecular Formula:	C ₁₈ H ₂₁ FN ₂ O ₂
Molecular Weight:	316.37
Target:	Indoleamine 2,3-Dioxygenase (IDO)
Pathway:	Metabolic Enzyme/Protease
Solubility:	Ethanol : 100 mg/mL (316.09 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

IDO-IN-8 (NLG-1487) is an indoleamine 2,3-dioxygenase (**IDO**) inhibitor extracted from patent WO WO2012142237A1, compound 1487, has an IC_{50} of 1-10 μ M. IC_{50} & Target: IC_{50} : 1-10 μ M (IDO)^[1] **In Vitro**: IDO-IN-8 (Compound 1487) is an indoleamine 2,3-dioxygenase (IDO) inhibitor with an IC_{50} of 1-10 μ M (this is the concentration of IDO-IN-8 at which inhibits 50% of enzymatic activity using recombinant human IDO)^[1].

References:

[1]. Mautino, et al. Preparation of fused imidazole derivatives as IDO inhibitors. From PCT Int. Appl. (2012), 20121018.

CAIndexNames:

5H-Imidazo[5,1-a]isoindole-5-ethanol, 6-fluoro- α -(trans-4-hydroxycyclohexyl)-, (α S,5R)-

SMILES:

O[C@H](CC1)CC[C@]1([H])[C@@H](O)C[C@H]2N3C(C4=C2C(F)=CC=C4)=CN=C3

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

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