
Product Data Sheet

Product Name: IDO-IN-5 (NLG-1489)

Cat. No.: GC34137

Chemical Properties

Cas. No. 1402837-79-9

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

Formula	C ₁₈ H ₂₁ FN ₂ O ₂	M.Wt	316.37
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Solubility	Soluble in DMSO	Storage	Store at -20°C
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General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

IDO-IN-5 (NLG-1489) is an indoleamine 2,3-dioxygenase (IDO) inhibitor extracted from patent WO WO2012142237A1, compound 1489, has an IC₅₀ of 1-10 μM.

IDO-IN-5 (Compound 1487) is an indoleamine 2,3-dioxygenase (IDO) inhibitor with an IC₅₀ of 1-10 μM (this is the concentration of IDO-IN-5 at which inhibits 50% of enzymatic activity using recombinant human IDO)[1].

[1]. Mario Mautino, et al. Fused imidazole derivatives useful as ido inhibitors. WO 2012142237 A1.

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

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