INCB024360 Analog

Catalog #: 27338-2
Lot #: 150203

Size: 100 mg
Structure:

CAS Registry #: 914471-09-3

Purity: ≥98%
Chemical Formula: C₅H₉ClF₂N₂O₂
Molecular Weight: 271.6

Description: INCB024360 analog is an orally available hydroxyamine and inhibitor of indoleamine 2,3-dioxygenase (IDO1), with an IC₅₀ of 10 nM. It shows little activity against other related enzymes such as IDO2 or tryptophan 2,3-dioxygenase (TDO). INCB024360 analog displays potential immunomodulating and antineoplastic activities.

Synonym: 4-[3-chloro-4-fluoroanilino)-nitrosomethylidene]-1,2,5-oxadiazol-3-amine

Appearance: White powder

Solubility: Soluble in DMSO.

Biological Activity: INCB024360 analog has been reported to restore and increase the proliferation of various immune cells including dendritic cells, NK cells, and T cells \textit{in vitro} and \textit{in vivo}.

Storage/Stability: Store as supplied at or below -20°C for up to 2 years. Stable in DMSO at -80°C for up to 6 months.

References:

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Tel: (858) 829-3082 • Fax: (858) 481 – 8694
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