

Product Information

Sotirimod, Purity \geq 98%

Cat. No.: X24-09-YM1443

Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 227318-75-4

Compound CID: 6450818

Synonym: 227318-75-4; R850; R 850; R-850;

2-Methyl-1-(2-methylpropyl)imidazo[4,5-c][1,5]naphthyridin-4-amine

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Sotirimod is an immunostimulant. The molecular weight of the compound is 255.32, and its molecular formula is C ₁₄ H ₁₇ N ₅ .
Molecular Weight	255.32
Molecular Formula	C ₁₄ H ₁₇ N ₅
IUPAC Name	2-Methyl-1-(2-methylpropyl)imidazo[4,5-c][1,5]naphthyridin-4-amine
InChI	InChI=1S/C14H17N5/c1-8(2)7-19-9(3)17-12-13(19)11-10(18-14(12)15)5-4-6-16-11/h4-6,8H,7H2,1-3H3,(H2,15,18)
InChI Key	ZXBCLVSLRUWISJ-UHFFFAOYSA-N
Canonical SMILES	CC1=NC2=C(N1CC(C)C)C3=C(C=CC=N3)N=C2N
Form	Lyophilized powder
Purity	\geq 98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Sotirimod plays a key role in decreasing autoimmune responses and inflammation.
Storage	Store at -20°C, and keep desiccated.