

Product Information

Syk inhibitor GS-9973, Purity ≥98%

Cat. No.: X24-06-ZQ463

Size: 10 mg; 25 mg; 50 mg; 100 mg

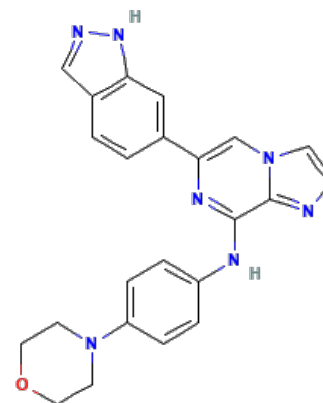
MDL: MFCD28099806

CAS Number: 1229208-44-9

Compound CID: 59473233

Synonym: 1229208-44-9; Syk inhibitor; GS9973; GS 9973; Entospletinib

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



Product Information

Description	GS-9973, soluble in warmed DMSO and insoluble in water and ethanol, blocks the activity of spleen tyrosine kinase (Syk), a key protein involved in the signaling pathways of various immune cells and implicated in the pathogenesis of autoimmune diseases and certain cancers. It targets Syk.
Molecular Weight	411.46
Molecular Formula	C ₂₃ H ₂₁ N ₇ O
Targets	Syk: 7.7 nM
IUPAC Name	6-(1 <i>H</i> -indazol-6-yl)- <i>N</i> -(4-morpholin-4-ylphenyl)imidazo[1,2- <i>a</i>]pyrazin-8-amine
InChI	InChI=1S/C23H21N7O/c1-2-17-14-25-28-20(17)13-16(1)21-15-30-8-7-24-23(30)22(27-21)26-18-3-5-19(6-4-18)29-9-11-31-12-10-29/h1-8,13-15H,9-12H2,(H,25,28)(H,26,27)
InChI Key	XSMSNFMDVXXHGJ-UHFFFAOYSA-N
Canonical SMILES	C1COCCN1C2=CC=C(C=C2)NC3=NC(=CN4C3=NC=C4)C5=CC6=C(C=C5)C=NN6
Form	Lyophilized powder
Purity	≥98%
Solubility	Warmed DMSO: 26 mg/mL (63.18 mM); Water: Insoluble; Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	GS-9973 inhibits Syk and is utilized in research of immunological disorders and B-cell related cancers.



Storage

Store at -20°C, and keep desiccated.
