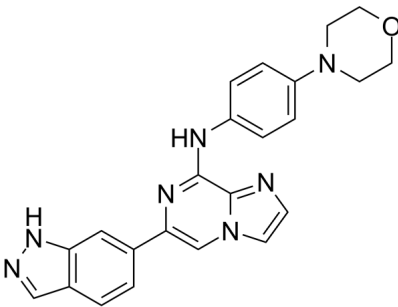


Data Sheet

Product Information

Catalog Number	BP10269
Product Name	Entospletinib
Description	Entospletinib IC_{50} = 7.7 nM is a specific Syk inhibitor, which is orally bioavailable.
Targets& IC_{50}	Syk: IC_{50} : 7.7 nM
In vitro	In MV-4-11 cells, the functional effect of the compound on the cellular Flt3 activity was determined by inhibition of cell proliferation. Cells were diluted in 96 well flat bottom tissue culture plates in RPMI medium containing 10% FBS and compound dilutions were added and incubated at 37°C for 72 hours. Aramazol (10%) was added to the cells and the cells were incubated for another 12-18 hours at 37°C. Finally, the inhibition of the relative cell number was measured at 570/600 nm in the spectrophotometer.
In vivo	In the rat collagen-induced arthritis (CIA) model, Entospletinib (10 mg/kg), which is dissolved in hydrogenated castor oil, ethanol or physiological saline, is taken by oral.
Synonyms	GS-9973
CAS No.	1229208-44-9
Chemical Formula	C ₂₃ H ₂₁ N ₇ O
Molecular Weight	411.469
Solubility	DMSO: 43 mg/mL

Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

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