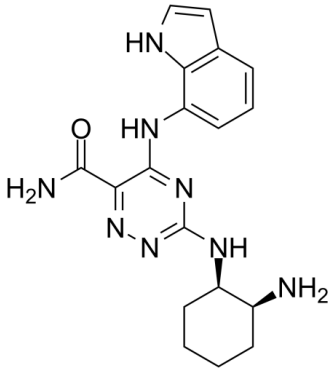
Data Sheet

Product Name:	Syk-IN-1
Cat. No.:	CS-0012161
CAS No.:	1491150-77-6
Molecular Formula:	$C_{18}H_{22}N_8O$
Molecular Weight:	366.42
Target:	Syk
Pathway:	Protein Tyrosine Kinase/RTK
Solubility:	DMSO : 100 mg/mL (272.91 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Syk-IN-1 (compound 4) is a potent **Syk** inhibitor, with an **IC_{50}** of 35 nM[1].

References:

[1]. Thoma G, et al. Orally bioavailable Syk inhibitors with activity in a rat PK/PD model. Bioorg Med Chem Lett. 2015;25(20):4642-4647.

CAIndexNames:

1,2,4-Triazine-6-carboxamide, 3-[[(1R,2S)-2-aminocyclohexyl]amino]-5-(1H-indol-7-ylamino)-

SMILES:

NC(C1=NN=C(N[C@@H]2CCCC[C@@H]2N)N=C1NC3=CC=CC4=C3NC=C4)=O

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

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