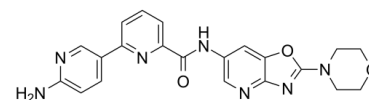


Data Sheet

Product Name:	IRAK4-IN-7
Cat. No.:	CS-0032273
CAS No.:	1801343-74-7
Molecular Formula:	C ₂₁ H ₁₉ N ₇ O ₃
Molecular Weight:	417.42
Target:	IRAK
Pathway:	Immunology/Inflammation
Solubility:	DMSO : 13.89 mg/mL (33.28 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

IRAK4-IN-7 is a selective, potent and orally active **interleukin-1 receptor-associated kinase 4 (IRAK4)** inhibitor, extracted from patent WO2015104688 (example 1). IRAK4-IN-7 has the potential for cancer and inflammatory diseases treatment^[1]. IC₅₀ & Target: IRAK4^[1] **In Vivo:** IRAK4-IN-7 has anti-cancer and anti-inflammatory activities, it can be used for cancer and inflammatory diseases treatment^[1].

References:

[1]. Venkateshwar Rao GUMMADI, et al. Bicyclic heterocyclyl derivatives as irak4 inhibitors. WO2015104688A1.

CAIndexNames:

[2,3'-Bipyridine]-6-carboxamide, 6'-amino-N-[2-(4-morpholinyl)oxazolo[4,5-b]pyridin-6-yl]-

SMILES:

O=C(C1=CC=CC(C2=CC=C(N)N=C2)=N1)NC3=CN=C4C(OC(N5CCOCC5)=N4)=C3

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

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