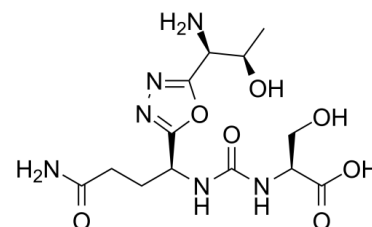


Data Sheet

Product Name:	PD-1-IN-17
Cat. No.:	CS-0020822
CAS No.:	1673560-66-1
Molecular Formula:	C ₁₃ H ₂₂ N ₆ O ₇
Molecular Weight:	374.35
Target:	PD-1/PD-L1
Pathway:	Immunology/Inflammation
Solubility:	DMSO : 125 mg/mL (333.91 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

PD-1-IN-17 is a programmed cell death-1 (PD-1) inhibitor extracted from patent WO2015033301A1, Compound 12, inhibits 92% splenocyte proliferation at 100 nM^[1]. IC₅₀ & Target: PD-1^[1]

References:

[1]. Pottayil Govindan Nair Sasikumar, et al. 1,3,4-oxadiazole and 1,3,4-thiadiazole derivatives as immunomodulators. WO2015033301A1.

CAIndexNames:

L-Serine, N-[[[(1S)-4-amino-1-[5-[(1S,2R)-1-amino-2-hydroxypropyl]-1,3,4-oxadiazol-2-yl]-4-oxobutyl]amino]carbonyl]-

SMILES:

OC[C@H](C(=O)=O)NC(N[C@H](C1=NN=C([C@H](N)[C@H](O)C)O1)CCC(N)=O)=O

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

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