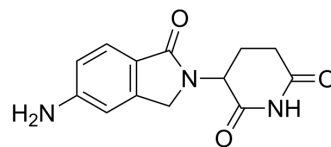


## C5 Lenalidomide

Cat. No.:	HY-132248
CAS No.:	191732-70-4
Molecular Formula:	C <sub>13</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	259.26
Target:	TNF Receptor
Pathway:	Apoptosis
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (192.86 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.8571 mL	19.2857 mL	38.5713 mL
	5 mM	0.7714 mL	3.8571 mL	7.7143 mL
	10 mM	0.3857 mL	1.9286 mL	3.8571 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

C5 Lenalidomide (Lenalidomide 5'-amine) is a thalidomide analog and is a potent inhibitor of TNF-alpha production (IC<sub>50</sub> =100 μM in LPS stimulated human PBMC)<sup>[1]</sup>.

### REFERENCES

[1]. G W Muller, et al. Amino-substituted thalidomide analogs: potent inhibitors of TNF-alpha production. Bioorg Med Chem Lett. 1999 Jun 7;9(11):1625-30.

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

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