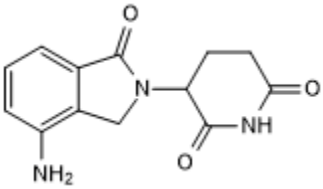
Lenalidomide
Cat. # PC-1004

Background: Thalidomide analog. Immune modulatory drug and cereblon binding compound. Induces ubiquitination and degradation of casein kinase (CK) 1α by the E3 ubiquitin ligase $CRL4^{CRBN}$. Also TNF-α inhibitor and angiogenesis inhibitor.

Application: Cereblon binder; induces ubiquitination and degradation of CK1α by E3 ubiquitin ligase



Product Information

Purity:	>97%
MW:	259.26
Formula:	$C_{13}H_{13}N_3O_3$
CAS Number	191732-72-6
Physical State:	Lyophilized white to yellow solid
Quantity:	1g; 5g
Solubility:	25 mg/mL in DMSO
Storage:	Room Temperature

References

1. **Petzold** *et al* (2016) Structural basis of lenalidomide-induced CK1a degradation by the CRL4(CRBN) ubiquitin ligase. Nature ***532*** 127 PMID: 26909574
2. **Krönke** *et al* (2015) Lenalidomide induces ubiquitination and degradation of CK1α in del(5q) MDS. Nature ***523***183 PMID: 26131937

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