

Product Name : Pomalidomide
Synonyms : CC-4047; CC4047; CC 4047

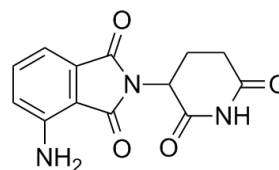
Cat No. : M13004

CAS Number : 19171-19-8

Molecular Formula : C₁₃H₁₁N₃O₄

Formula Weight : 273.24

Chemical Name : 1H-Isoindole-1,3(2H)-dione, 4-amino-2-(2,6-dioxo-3-piperidiny)-



Description : A potent inhibitor of TNF- α production; inhibits LPS-induced TNF- α release with IC₅₀ of 13 nM in PBMCs; upregulates interferon gamma, IL-2 and IL-10. Blood Cancer Approved

Pathway : Apoptosis

Target : TNF

Receptor : TNF- α

Solubility : 10 mM in DMSO

SMILES : O=C1N(C(OC2)C(NC2=O)=O)C(C3=C1C=CC=C3N)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Muller GW, et al. Bioorg Med Chem Lett. 1999 Jun 7;9(11):1625-30. | 2. Payvandi F, et al. Cell Immunol. 2004 Aug;230(2):81-8. | 3. Galustian C, et al. Cancer Immunol Immunother. 2009 Jul;58(7):1033-45.