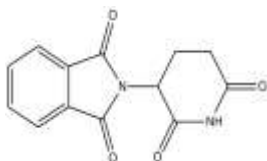


PRODUCT: (±)-Thalidomide**ALTERNATE NAME:** (RS)-2-(2,6-dioxopiperidin-3-yl)-1*H*-isoindole-1,3(2*H*)-dione**CATALOG #:** 2020-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₃H₁₀N₂O₄**MOLECULAR WEIGHT:** 258.23**CAS NUMBER:** 50-35-1**APPEARANCE:** White solid**SOLUBILITY:** DMSO (5 mg/ml)**PURITY:** ≥98% by TLC**STORAGE:** Store at -20 °C. Protect from light.

DESCRIPTION: Cell-permeable. A teratogen and sedative-hypnotic with inherent anti-inflammatory properties. A selective inhibitor of tumor necrosis factor α (TNF-α) synthesis. Thalidomide initiates its teratogenic effects by binding to cereblon (CRBN), a thalidomide-binding protein, and inhibiting the associated ubiquitin ligase activity.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Aclacinomycin A (**Cat. No. 2032-5, 25**)
 Calpain Inhibitor I, ALLN (**Cat. No. 1834-5, 25**)
 Calpain Inhibitor II, ALLM (**Cat. No. 1834-5, 25**)
 Clasto-Lactacystin β-Lactone (**Cat. No. 1710-100**)
 E6AP Antibody (**Cat. No. 3744-100**)
 (-)-Epigallocatechin gallate (**Cat. No. 1841-50**)
 Isopeptidase T (short form), human recombinant (**Cat. No. 4861-25**)
 Isopeptidase T (long form), human recombinant (**Cat. No. 4862-25**)
 Lactacystin (**Cat. No. 1709-200**)
 MG-115 (**Cat. No. 1831-1, 5**)
 MG-132 (**Cat. No. 1703-5, 25**)
 PS-341 (**Cat. No. 1846-1,5**)
 EZSolution™ MG-132 (**Cat. No. 1791-5**)
 LDN-57444 (**Cat. No. 2016-5, 25**)
 MDBN (**cat. No. 2033-5, 25**)
 NEDD8-AMC (**Cat. No. 4843-25**)
 NSC-687852 (**Cat. No. 2021-5, 25**)
 Proteasome Activity Assay Kit (**Cat. No. K245-100**)
 Proteasome Substrate, Fluorogenic (**Cat. No. 1832-1, 5**)
 PYR-41 (**Cat. No. 1925-5, 25**)
 Suc-Leu-Leu-Val-Tyr-AMC (**Cat. No. 1833-5**)
 UbcH1, human recombinant (GST-tag) (**Cat. No. 4846-100**)
 UbcH2, human recombinant (His-tag) (**Cat. No. 4848-100**)
 UbcH3, human recombinant (His-tag) (**Cat. No. 4849-100**)
 UbcH5a, human recombinant (His-tag) (**Cat. No. 4851-100**)
 UbcH5b, human recombinant (His-tag) (**Cat. No. 4852-100**)
 UbcH5c, human recombinant (His-tag) (**Cat. No. 4854-100**)
 Ubiquitin Aldehyde (**Cat. No. 4845-50**)
 Ubiquitin, human recombinant (**Cat. No. 4841-100,1000**)
 Ubiquitin AMC (**Cat. No. 4842-25**)
 UCH-L1, human recombinant (GST-tag) (**Cat. No. 4855-50**)
 USP7 Antibody (**Cat. No. 3737-100**)
 USP-14 Inhibitor IU1 (**Cat. No. 1845-5, 25**)
 WP-1130 (**Cat. No. 2014-5, 25**)

USAGE: FOR RESEARCH CH USE ONLY! Not to be used in humans