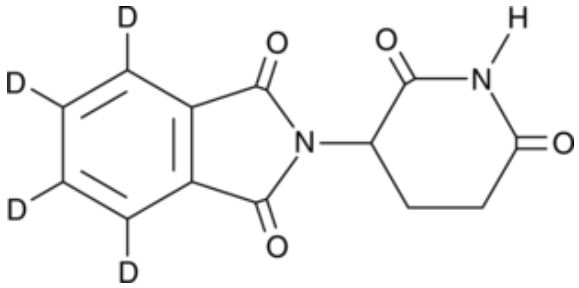
PROTAK™ (±)-Thalidomide-d4

E31P46008

Catalog Number: E31P46008-1,E31P46008-2
Product Name: PROTAK™ (±)-Thalidomide-d4
Amount: 1mg,5mg
CAS No.: 1219177-18-0
Molecular Structure:



Formula: C13H6D4N2O4
M.W.: 262.3
Solubility: Soluble in DMSO
Storage/Stability: Store at -20° C
Background: (±)-Thalidomide-d4 is intended for use as an internal standard for the quantification of (±)-thalidomide by GC- or LC-MS. (±)-Thalidomide is an immunomodulatory and antiproliferative compound that interacts directly with the protein CRBN (IC50 = 8.5 nM), a ubiquitously-expressed E3 ligase, and CRBN-DDB1 complexes.

Ito, T., Ando, H., Suzuki, T., et al. Identification of a primary target of thalidomide teratogenicity. Science 327(5971), 1345-1350 (2010).|2. Lopez-Girona, A., Mendy, D., Miller, K., et al. Cereblon is a direct protein target for immunomodulatory and antiproliferative activities of lenalidomide and pomalidomide. Leukemia 26(11), 2326-2335 (2012).

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