

Thalidomide, E3 Ubiquitin ligase inhibitor

Catalog	Unit
TBI1115-100MG	100 mg
TBI1115-500MG	500 mg

Product Details

Formal Name: N-(2,6-Dioxo-3-piperidiny)phthalimide, racemic

Molecular Formula: C₁₃H₁₀N₂O₄

Formula Weight: 326.82

CAS Number: 50-35-1

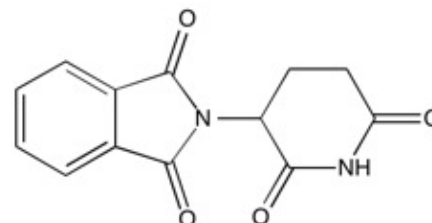
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 5 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

E3 Ubiquitin ligase inhibitor

Functions

Binds to the E3 ubiquitin ligase complex formed between CRBN, DDB1 and Cul4A, and inhibits the ligase activity. Inhibits TNF synthesis and FGF-induced angiogenesis. Cell permeable. Handle with caution, compound is teratogenic.

Application Procedures

First dissolved in DMSO (up to 5 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.