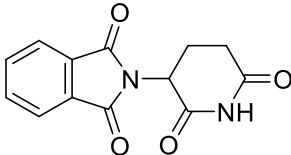




C

Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100840	Thalidomide	E3O08S16

Chemical name	
2-(2,6-dioxopiperidin-3-yl)isoindoline-1,3-dione	
Synonyms	
alphanthalimidoglutarimide. Nphthaloylglutamimide; Nphthalylglutamic acid imide. US brand names: Synovir; Thalomid. Foreign brand names: Contergan; Distaval; Kevadon; Neurosedyn; Pantosediv; Sedoval K17; Softenon Talimol; Abbreviation: THAL.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100840 Name: Thalidomide CAS#: 50-35-1 Lot#: E3O08S16 Chemical Formula: C ₁₃ H ₁₀ N ₂ O ₄ Exact Mass: 258.06406 Molecular Weight: 258.23

Analysis item	Specifications / Results
Appearance	White to off white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 3 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE