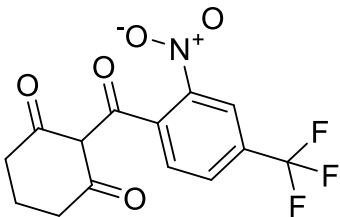




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
314265	Nitisinone	A21T04K29

Chemical name	
2-(2-nitro-4-(trifluoromethyl)benzoyl)cyclohexane-1,3-dione	
Synonyms	
NTBC; Nitisinone; brand name: Orfadin.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314265 Name: Nitisinone CAS#: 104206-65-7 Lot#: A21T04K29 Chemical Formula: C ₁₄ H ₁₀ F ₃ NO ₅ Exact Mass: 329.05111 Molecular Weight: 329.23

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)	>99.0%
Solubility	Soluble in CDCl ₃
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