



LKT Laboratories, Inc.

Nitisinone

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: getinfo@lctlabs.com

Web: lctlabs.com

Product Information

Product ID N3476

CAS No. 104206-65-7

Chemical Name

Synonym NTBC, orfadin

Formula C₁₄H₁₀F₃NO₅

Formula Wt. 329.23

Melting Point

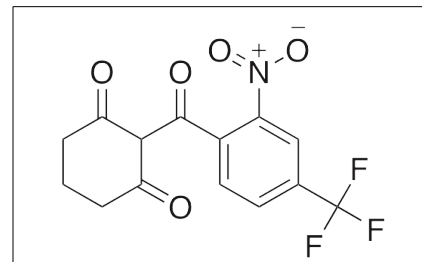
Purity ≥99%

Solubility DMSO: ≥5 mg/mL,
Soluble in Chloroform

Store Temp 4°C

Ship Temp Ambient

Description Nitisinone is a nitrobenzene inhibitor of HPPD, an enzyme involved in tyrosine degradation. Nitisinone is clinically used to slow the effects of hereditary type 1 tyrosinemia and as a potential treatment for alkaptonuria.



Bulk quantities available upon request

Product ID	Size
------------	------

N3476	10 mg
-------	-------

N3476	50 mg
-------	-------

N3476	250 mg
-------	--------

References McKiernan PJ. Nitisinone in the treatment of hereditary tyrosinaemia type 1. *Drugs*. 2006;66(6):743-50. PMID: 16706549.

Kavana M, Moran GR. Interaction of (4-hydroxyphenyl)pyruvate dioxygenase with the specific inhibitor 2-[2-nitro-4-(trifluoromethyl)benzoyl]-1,3-cyclohexanedione. *Biochemistry*. 2003 Sep 2;42(34):10238-45. PMID: 12939152.

Phornphutkul C, Introne WJ, Perry MB, et al. Natural history of alkaptonuria. *N Engl J Med*. 2002 Dec 26;347(26):2111-21. PMID: 12501223.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.