



CERTIFICATE OF ANALYSIS

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1. Identification

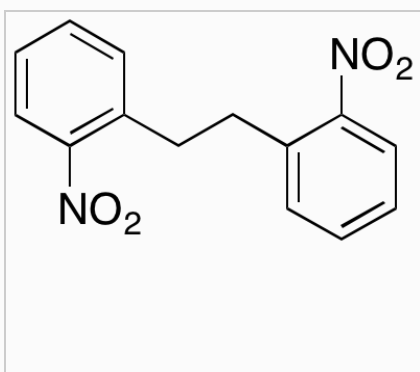
Catalogue Number: D479815

CAS Number: 16968-19-7

Product: 2,2'-Dinitrodibenzyl

Synonym: 1,1'-(1,2-Ethanediyl)bis[2-nitrobenzene]; 2,2'-Dinitrobibenzyl; 1,2-Bis(o-nitrophenyl)ethane; 1,2-Di(o-nitrophenyl)ethane; Bis(o-nitrobenzyl); NSC 85868; o,o'-Dinitrodibenzyl

Structure:



Molecular Formula:

C₁₄H₁₂N₂O₄

Molecular weight:

272.26

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-NWY-2-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Brown to Light Brown Solid	Light Brown Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.73% (210 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	4/20/2022	4/18/2026