



## CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA  
Tel: (416) 665-9696, Fax: (416) 665-4439  
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

### 1. Identification

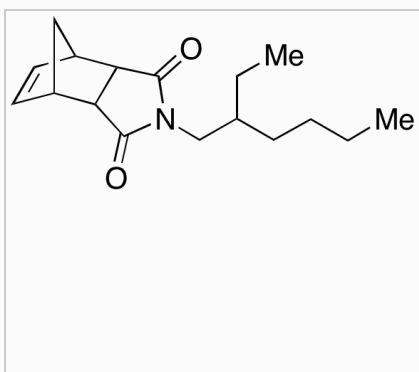
**Catalogue Number:** O273070

**CAS Number:** 113-48-4

**Synonym:** 2-(2-Ethylhexyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione; N-(2-Ethylhexyl)-5-norbornene-2,3-dicarboximide; Carboximide; Dicarboximide; ENT 8184; MGK 264; N-(2-Ethylhexyl)bicyclo-(2,2,1)-5-heptene-2,3-dicarboximide; N-(2-Ethylhexyl)bicyclo[2.2.1]hept-5-ene-2,3-dicarboximide; NSC 36678; NSC 406879; Octacide 264; Synepirin 222; Synergist 264; Van Dyk 264; Zengxiaoan; MGK 264

**Product:** N-Octylbicycloheptenedicarboximide

**Structure:**



**Molecular Formula:**

$C_{17}H_{25}NO_2$

**Molecular weight:**

275.39

**Source of Product:**

N/A

**Solubility:**

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

**Lot Number:** 2-AGE-162-1

**Purity:** 96%

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

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:** Toxic

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	95.96% (205nm)
MS	Conforms to Structure	Conforms

**Additional Information:**

TLC Conditions: SiO<sub>2</sub>: Dichloromethane = 100%; Visualized with UV, AMCS, and KMnO<sub>4</sub>; R<sub>f</sub> = 0.35.

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
Neha Khanna	Toni Rantanen	My Nguyen	12/16/2019	12/14/2026

