



CERTIFICATE OF ANALYSIS

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1. Identification

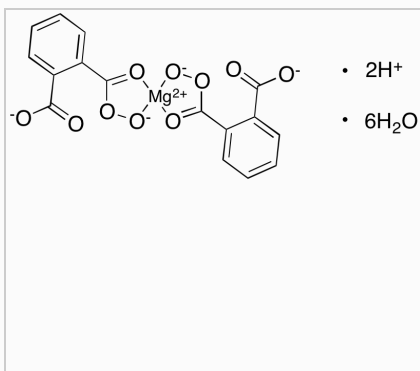
Catalogue Number: M110365

CAS Number: 84665-66-7

Product: Magnesium Monoperoxyphthalic Acid Hexahydrate

Synonym: (T-4)-Bis[2-carboxybenzenecarboperoxoato(2-)-κOO,κO']magnesate(2-) Hydrogen Hydrate (1:2:6); 2-Carboxybenzenecarboperoxoic Acid Magnesium Salt (2:1) Hexahydrate; 2-Carboxybenzenecarboperoxoic Acid Magnesium Salt Hydrate (2:1:6); Magnesium Bis(monoperoxyphthalate) Hexahydrate; MMPP; Magnesium Monoperoxyphthalate Hexahydrate

Structure:



Molecular Formula:

$C_{16}H_{22}MgO_{16}$

Molecular weight:

494.64

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 2-YJK-62-1

Purity: N/A

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	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	96.35% (240 nm)
Water Content	Report Result	22.1% by Karl Fischer
Magnesium Content	Report Result	5.00% by Ion Chromatography

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
Sarbjit Kaur	Toni Rantanen	Chanell Chu	5/23/2023	5/21/2030
				