

1. Identification

Catalogue Number

TRC-M303747

Lot Number

28-THT-96-2

Product Name

N,N'-Methylenebis(acrylamide)-d6

Synonyms

Bisacrylamide-d6; MBA-d6; MBAA-d6; Methylenebisacrylamide-d6; Methylenediacrylamide-d6; N,N'-Diacyloylmethylenediamine-d6; N,N'-Methylenebis(2-propenamide)-d6; N,N'-Methylenebis(acrylamide)-d6; N,N'-Methylenediacrylamide-d6; NMBA-d6; NSC 406836-d6; NSC 7774-d6; Triam 507-d6

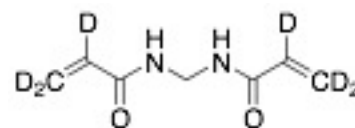
CAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₇H₄D₆N₂O₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

160.20

Purity

95%

2. Warnings

Light Sensitive

3. Analytical Information




| <u>Tests</u> | <u>Specifications</u> | <u>Results</u> |
|--------------------|--------------------------|--------------------------------|
| Appearance | White to Off-White Solid | White to Off-White Solid |
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 51.98, %H: 6.28, %N: 16.97 |
| GC | >95% | 96.75% |
| MS | Conforms to Structure | Conforms |
| Isotopic Purity | >95% | 98.4% (d ₀ = 0.02%) |

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 ± 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

| <u>Reviewed by</u> | <u>Reviewed by</u> | <u>C of A Approved by</u> | <u>Test Date</u> | <u>Retest Date</u> |
|--|---|---|------------------|--------------------|
|  |  |  | 5/26/2021 | 5/24/2025 |
| Nicole Yip | Toni Rantanen | Chanell Chu | | |
| Product Quality Specialist | Manager, Quality Assurance | Jr. Quality Assurance | | |