

Product Information

Emeramide, Purity ≥98%

Cat. No.: X24-09-YM1372

Size: 100 mg; 200 mg; 500 mg; 1 g

MDL: MFCD28144550

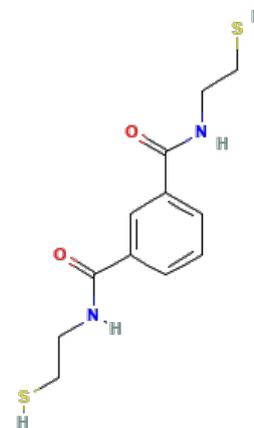
CAS Number: 351994-94-0

Compound CID: 21133161

Synonym: 351994-94-0; BDET; BDETH2; IRMINIX; NBMI;

1-*N*,3-*N*-Bis(2-sulfanylethyl)benzene-1,3-dicarboxamide

This product is for research use only and is not intended for diagnostic use.



Product Information

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| Description | Emeramide is a mercury and heavy metal chelator. The molecular weight of the compound is 284.39, and its molecular formula is C ₁₂ H ₁₆ N ₂ O ₂ S ₂ . |
| Molecular Weight | 284.39 |
| Molecular Formula | C ₁₂ H ₁₆ N ₂ O ₂ S ₂ |
| IUPAC Name | 1- <i>N</i> ,3- <i>N</i> -Bis(2-sulfanylethyl)benzene-1,3-dicarboxamide |
| InChI | InChI=1S/C12H16N2O2S2/c15-11(13-4-6-17)9-2-1-3-10(8-9)12(16)14-5-7-18/h1-3,8,17-18H,4-7H2,(H,13,15)(H,14,16) |
| InChI Key | JUTBAVRYDAKVGQ-UHFFFAOYSA-N |
| Canonical SMILES | C1=CC(=CC(=C1)C(=O)NCCS)C(=O)NCCS |
| Form | Lyophilized powder |
| Purity | ≥98% |
| Impurities | Free from inappropriate visible particulates, foreign matter, discoloration, or other defects. |
| Identity | Confirmed by NMR/HPLC/MS. |
| Stability | In its lyophilized form, the chemical remains stable for 36 months. |
| Quality Level | Research grade |
| Applications | Emeramide can be used for its ability to modulate inflammatory pathways and may inhibit certain pain receptors, thus alleviating pain and providing neuroprotective effects. |
| Storage | Store at -20°C, and keep desiccated. |