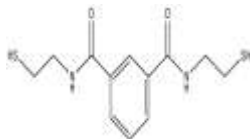


PRODUCT: Emeramide (BDTH2)**ALTERNATE NAME:** N1,N3-Bis(2-sulfanylethyl)benzene-1,3-dicarboxamide; *N,N*-bis(2-mercaptoethyl)isophthalamide); OSR-1**CATALOG #:** 9666-50, 250**AMOUNT:** 50 mg, 250 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₂H₁₆N₂O₂S₂**MOLECULAR WEIGHT:** 284.39**CAS NUMBER:** 351994-94-0**APPEARANCE:** White solid**SOLUBILITY:** DMSO**PURITY:** ≥98%**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Emeramide, also known as BDTH2, is a mercury chelator and an antioxidant, for the treatment of mercury poisoning. The molecule consists of two thiol groups and linked via a pair of amide groups. BDTH2 can be used to chelate heavy metals like lead, cadmium, copper, manganese, zinc, iron, and mercury.**REFERENCES:** Blue, L.Y., *et al.* (2010). *Fuel* **89**, 1326-1330**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Iron Colorimetric Assay Kit (**K390-100**)Deferoxamine mesylate (**1883-500, 1000**)Ferrostatin-1 (**2230-5,25**)Iron Chelator, Dp44MT (**9634-5,25**)**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*