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# **DATASHEET**

MS-275

#### **Product overview**

Name MS-275 Cat No HB3983 **Purity** >98%

Description HDAC 1 inhibitor

## **Biological Data**

**Biological description** HDAC 1 inhibitor. Antitumor compound. Antiproliferative. TGF-beta type II receptor inducer. Apoptosis

inducer. Anti-inflammatory. Angiogenesis inhibitor. Promotes either self-renewal or differentiation of

embryonic stem cells.

## **Solubility & Handling**

Storage instructions Storage of solutions

Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

**Shipping Conditions** 

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

#### **Chemical Data**

Molecular Weight

**Chemical structure** 

376.4

209783-80-2

**CAS Number** 

**PubChem identifier** 

**SMILES** 

Nc1ccccc1NC(=O)c2ccc(CNC(=O)OCc3cccnc3)cc2

InChiKey LTWMTJUZATWRDH-UHFFFAOYSA-N

**Appearance** Off-white to tan solid