

Hello Bio, Inc.  
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## DATASHEET

MS-275

### Product overview

|                    |                  |
|--------------------|------------------|
| <b>Name</b>        | MS-275           |
| <b>Cat No</b>      | HB3983           |
| <b>Purity</b>      | >98%             |
| <b>Description</b> | HDAC 1 inhibitor |

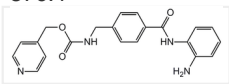
### Biological Data

|                               |  |
|-------------------------------|--|
| <b>Biological description</b> | 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

|                             |   |
|-----------------------------|---|
| <b>Storage instructions</b> | +4 °C   |
| <b>Important</b>            | This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use. |

### Chemical Data

|                           |   |
|---------------------------|---|
| <b>Molecular Weight</b>   | 376.4   |
| <b>Chemical structure</b> |  |
| <b>CAS Number</b>         | 209783-80-2   |
| <b>PubChem identifier</b> | 0   |
| <b>SMILES</b>             | <chem>Nc1cccc1NC(=O)c2ccc(CNC(=O)OCc3ccnc3)cc2</chem>                               |
| <b>InChiKey</b>           | LTWMTJUZATWRDH-UHFFFAOYSA-N   |
| <b>Appearance</b>         | Off-white to tan solid  |