

Catalog	Unit
TBI5046-5MG	5 mg
TBI5046-25MG	25 mg

### Product Details

**Formal Name:** 2-hydroxy-N-(3-(3-(piperidin-1-ylmethyl)phenoxy)propyl)acetamide

**Molecular Formula:** C<sub>17</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>

**Formula Weight:** 306.40

**CAS Number:** 78273-80-0

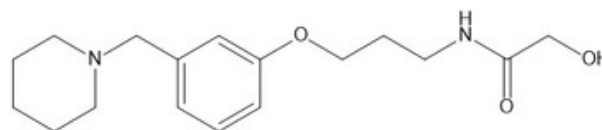
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Histamine H2 antagonist, antiulcer, anti-inflammatory

### Functions

A novel histamine H2 receptor antagonist. Suppresses inflammatory responses via inhibition of NFκB and p38 MAPK activation in LPS-induced RAW 264.7 macrophages. Clinically useful agent for prevention and healing of gastric and duodenal ulcers and bleeding. Attenuates degradation of extracellular matrix in osteoarthritis models by inactivating the NFκB pathway.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

**For research use only.**