

## ML-324, JMJD2 inhibitor

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Catalog	Unit
TBI1455-5MG	5 mg
TBI1455-25MG	25 mg

### Product Details

**Formal Name:** N-(3-(Dimethylamino)propyl)-4-(8-hydroxyquinolin-6-yl)benzamide hydrochloride

**Molecular Formula:** C<sub>21</sub>H<sub>23</sub>N<sub>3</sub>O<sub>2</sub> · HCl

**Formula Weight:** 385.90

**CAS Number:** 1222800-79-4

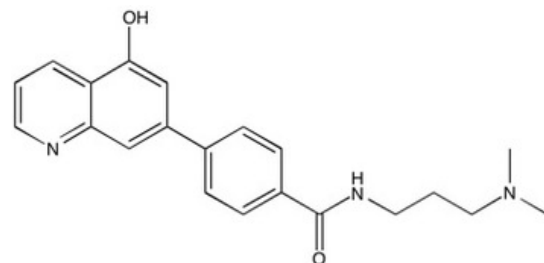
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 20 mg/ml) or in Water (up to 25 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

JMJD2 inhibitor

### Functions

Inhibits JMJD2 histone demethylases. Represses the expression of viral (HCMV and HSV-1) immediate early genes (IC<sub>50</sub> ~ 10 μM) and abrogates infection. Represses the reactivation of HSV from the latent state in sensory neurons.

### Application Procedures

First dissolved in DMSO (up to 20 mg/ml) or in Water (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 1 month.

**For research use only.**