

## E-4031, Herg channel blocker

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Catalog	Unit
TBI1213-5MG	5 mg
TBI1213-25MG	25 mg

### Product Details

**Formal Name:** N-[4-[[1-[2-(6-Methyl-3-pyridinyl)ethyl]-4-piperidinyl]carbonyl]phenyl]methanesulfonamide dihydrochloride dihydrate

**Molecular Formula:** C<sub>21</sub>H<sub>27</sub>N<sub>3</sub>O<sub>3</sub>S · 2HCl · 2(H<sub>2</sub>O)

**Formula Weight:** 510.47

**CAS Number:** 113559-13-0

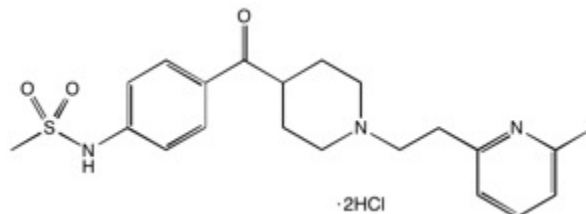
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml) or in Water (up to 100 mg/ml).

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

Herg channel blocker

### Functions

Selective hERG potassium channel blocker. Inhibits the rapid delayed-rectifier K<sup>+</sup> current (I<sub>Kr</sub>). Class III antiarrhythmic agent. Cell permeable.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Water (up to 100 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20°C for up to 2 months.

**For research use only.**