

## HA-100 2HCl, Multi-kinase inhibitor

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Catalog	Unit
TBI1609-5MG	5 mg
TBI1609-25MG	25 mg

### Product Details

**Formal Name:** 5-(1-Piperazinylsulfonyl)isoquinoline dihydrochloride

**Molecular Formula:** C<sub>13</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>S • 2HCl

**Formula Weight:** 350.30

**CAS Number:** 84468-24-6

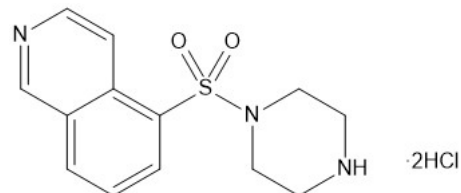
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 30 mg/ml) or in water (up to 40 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Multi-kinase inhibitor

### Functions

Inhibits the following kinases PKG (IC<sub>50</sub>=4 mM), PKA (IC<sub>50</sub>=8 mM), PKC (IC<sub>50</sub>=12 mM). Increases human fibroblast reprogramming efficiency with PD0325901, CHIR99021, A83-01 and hLIF. Improves single cell survival and supports high cloning efficiency in human pluripotent stem cells.

### Application Procedures

First dissolved in DMSO (up to 30 mg/ml) or in water (up to 40 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.**