

Catalog	Unit
TBI2144 - 5MG	5 mg
TBI2144 - 25MG	25 mg

### Product Details

**Formal Name:** N-[2-[[3-(4-Bromophenyl)-2-propen-1-yl]amino]ethyl]-5-isoquinolinesulfonamide dihydrochloride

**Molecular Formula:** C<sub>20</sub>H<sub>20</sub>BrN<sub>3</sub>O<sub>2</sub>S · 2HCl

**Formula Weight:** 519.28

**CAS Number:** 127243-85-0

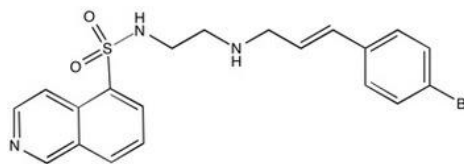
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in DMSO (up to 50 mg/ml) or in Water (up to 10 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

PKA inhibitor

### Functions

H-89 (127243-85-0) is a commonly used inhibitor of protein kinase A (PKA IC<sub>50</sub> = 140 nM). Inhibits a variety of other kinases including S6K1 (IC<sub>50</sub> = 80 nM), MSK1 (120 nM), ROCK II (270 nM), PKBα (2.6 μM), PKD, PRK2, RSK1 and 2, SGK, AMPK, CHK1 and MAPKAP-K1b (2.8 μM).

### Application Procedures

Solutions in DMSO or distilled water may be stored at -20°C for up to 3 months.

**For research use only.**