



LKT Laboratories, Inc.

H89

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## Product Information

**Product ID** H0003

**CAS No.** 127243-85-0

**Chemical Name** N-(2-[P-Bromocinnamylamino]-ethyl)-5-isoquinolinesulfonamide

### Synonym

**Formula** C<sub>20</sub>H<sub>20</sub>BrN<sub>3</sub>O<sub>2</sub>S

**Formula Wt.** 446.36

**Melting Point** 141-143 °C

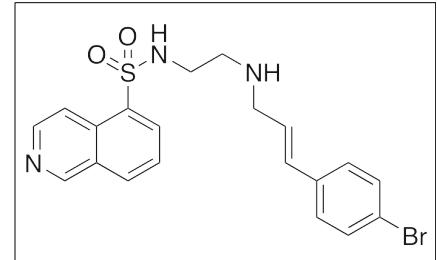
**Purity** ≥98%

**Solubility** Soluble in DMSO or ethanol:  
water (1:1).

**Store Temp** -20 °C

**Ship Temp** Ambient

**Description** H89 is an inhibitor of PKA that is used to study the effects of PKA signaling in research models. H89 may also inhibit Rho-associated protein kinase (ROCK), S6K1, MSK1, PKBa, and MAPKAP-K1b.



**Bulk quantities available upon request**

Product ID	Size
H0003	1 mg
H0003	5 mg

**References** Choi S, Kim MY, Joo KY, et al. Modafinil inhibits K(Ca)<sub>v</sub>3.1 currents and muscle contraction via a cAMP-dependent mechanism. *Pharmacol Res.* 2012 Jul;66(1):51-9. PMID: 22414869.

Rogers RC, Hermann GE. Tumor necrosis factor activation of vagal afferent terminal calcium is blocked by cannabinoids. *J Neurosci.* 2012 Apr 11;32(15):5237-41. PMID: 22496569.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.