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## **Certificate of Analysis**

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: PKA inhibitor H89
Cat. No.	: PC-20821
CAS No.	: 130964-39-5
Batch No.	: PC-2082101
Chemical Name	: (E)-N-(2-((3-(4-bromophenyl)allyl)amino)ethyl)isoquinoline-5-sulfonamide dihydrochloride

## PHYSICAL AND CHEMICAL PROPERTIES

: 519.28
: C <sub>20</sub> H <sub>22</sub> BrCl <sub>2</sub> N <sub>3</sub> O <sub>2</sub> S
: Powder -20°C 12 Months
4°C 6 Months
In solvent -80°C 6 Months
-20°C 6 Months
:

CAS: 130964-39-5

ANALYTICAL DATA		
Appearance	:	Solid powder
<sup>1</sup> H NMR Spectrum	:	Consistent with
HPLC	:	Consistent with
NP	:	Consistent with
Purity (HPLC and/or LCMS)	:	>98%
Conclusion	:	The product has been tested and complies with the given specifications.
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Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com