



Certificate of Analysis

Product Name	H-89 free base
Catalog No.	V16050
Batch No.	V1605001

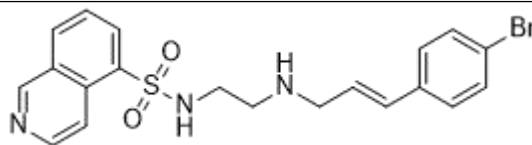
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₂₀ H ₂₀ BrN ₃ O ₂ S
Molecular Weight	446.363
Purity	≥98.0%
CAS No.	127243-85-0

2. Analytical Data

HPLC	Indicates ≥98.0% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition
Long term storage (months)	-20 °C under dry condition

Products are for research use only • Not for human or veterinary use