

Product Name: SJ 1008066

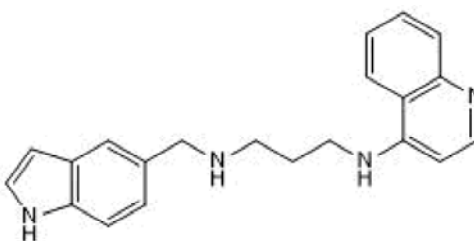
Catalog No.: 7542

Batch No.: 1

IUPAC Name: *N*¹-((1*H*-Indol-5-yl)methyl)-*N*³-(quinolin-4-yl)propane-1,3-diamine

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₁H₂₂N₄·¼H₂O
Batch Molecular Weight: 334.94
Physical Appearance: White solid
Solubility: DMSO to 100 mM
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.6% purity
Mass Spectrum: Consistent with structure
Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	75.31	6.77	16.73
Found	74.97	6.74	16.71

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

Product Name: SJ 1008066

Catalog No.: 7542

Batch No.: 1

IUPAC Name: *N*¹-((1*H*-Indol-5-yl)methyl)-*N*³-(quinolin-4-yl)propane-1,3-diamine

Description:

SJ 1008066 is a cell permeable inhibitor of testis-restricted melanoma antigen protein MAGE-A11 (IC₅₀ = 0.13 μM). SJ 1008066 binds to the MAGE homology domain (MHD) and disrupts MAGE-A11:PCF11 interaction. SJ1008066 exhibits no effect on MAGE-A3:AMPKα1 or MAGE-F1:MMS19 interactions in TR-FRET and cell lysate pulldown assays.

Physical and Chemical Properties:

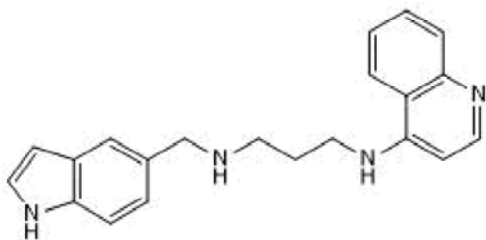
Batch Molecular Formula: C₂₁H₂₂N₄·¼H₂O

Batch Molecular Weight: 334.94

Physical Appearance: White solid

Minimum Purity: ≥98%

Batch Molecular Structure:



References:

Yang *et al* (2020) Structural basis for substrate recognition and chemical inhibition of oncogenic MAGE ubiquitin ligases. *Nat. Commun.* **11** 4931. PMID: 33004795.

Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

Licensing Information:

Sold under license from St. Jude Children's Research Hospital.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com

info@bio-techne.com

techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com

Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of World

www.tocris.com/distributors

Tel:+1 612 379 2956