bio-techne
TOCRIS

Print Date: Jul 22nd 2025

Certificate of Analysis

www.tocris.com

Product Name: **UNC 8732** **Catalog No.: 8118** **Batch No.: 1**

CAS Number: 2929304-06-1

IUPAC Name: *N*-[[4-[[[2-(6-Amino-1-oxohexyl)-1,2,3,4-tetrahydro-6-isoquinolinyl]amino]carbonyl]phenyl]methyl]-*N*-cyclopropyl-3,4-dihydro-3-oxo-2*H*-1,4-benzoxazine-7-carboxamide trifluoroacetate

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: $C_{35}H_{39}N_5O_5.CF_3CO_2H.1¼H_2O$

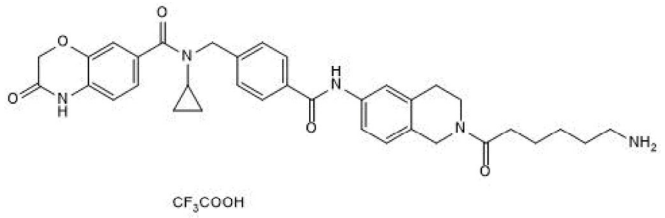
Batch Molecular Weight: 746.27

Physical Appearance: White solid

Solubility: DMSO to 100 mM
ethanol to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 98.0% purity

^{1}H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	59.55	5.74	9.38
Found	58.71	5.53	9.19

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Description:

UNC 8732 is a potent nuclear receptor binding SET domain-containing 2 (NSD2) Degrader (DC_{50} = 60 nM; D_{max} = 97%). NSD2 degradation is driven by the aldehyde metabolite of UNC 8732 in vitro. Recruits FBX022 and SCF complexes for degradation to reduce H3K36me2 levels in cells. Reduces viability and restores glucocorticoid sensitivity of NSD2 p.E1099K mutant ALL cells.

Physical and Chemical Properties:

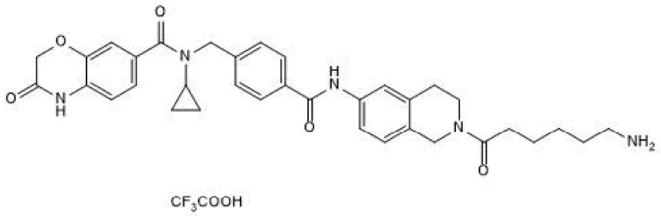
Batch Molecular Formula: $C_{35}H_{39}N_5O_5.CF_3CO_2H.1¼H_2O$

Batch Molecular Weight: 746.27

Physical Appearance: White solid

Minimum Purity: ≥98%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM
ethanol 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. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

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:

This probe is supplied in conjunction with the Structural Genomics Consortium. For further characterization details, please visit the UNC8732 page on the SGC website.