

Product Name: JNJ 1013NC

Catalog No.: 8030

Batch No.: 1

CAS Number: 2755075-91-1

IUPAC Name: *N*-(4-(4-(2-(((*S*)-1-((2*S*,4*S*)-4-Hydroxy-2-(((*S*)-1-(4-(4-methylthiazol-5-yl)phenyl)ethyl)carbamoyl)pyrrolidin-1-yl)-3,3-dimethyl-1-oxobutan-2-yl)amino)-2-oxoethoxy)piperidin-1-yl)-2-methoxyphenyl)-6-(1*H*-pyrazol-5-yl)picolinamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₄₆H₅₅N₉O₇S.2H₂O

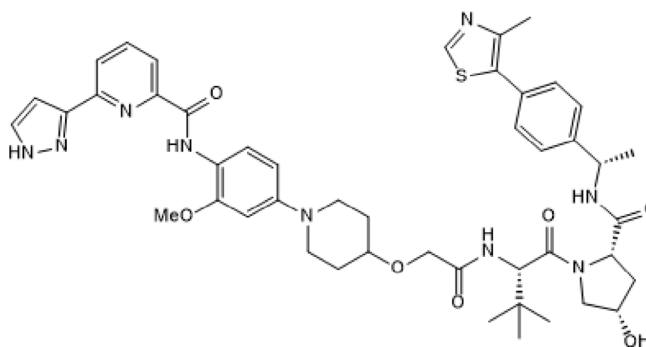
Batch Molecular Weight: 914.09

Physical Appearance: Yellow solid

Solubility: DMSO to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 96.5% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	60.44	6.51	13.79
Found	59.6	6.44	13.64

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

Product Name: JNJ 1013NC

Catalog No.: 8030

Batch No.: 1

CAS Number: 2755075-91-1

IUPAC Name: *N*-(4-(4-(2-(((*S*)-1-((2*S*,4*S*)-4-Hydroxy-2-(((*S*)-1-(4-(4-methylthiazol-5-yl)phenyl)ethyl)carbamoyl)pyrrolidin-1-yl)-3,3-dimethyl-1-oxobutan-2-yl)amino)-2-oxoethoxy)piperidin-1-yl)-2-methoxyphenyl)-6-(1*H*-pyrazol-5-yl)picolinamide

Description:

JNJ 1013NC is the negative control for the IRAK1 degrader, JNJ 1013 (Cat. No. 8029).

Physical and Chemical Properties:

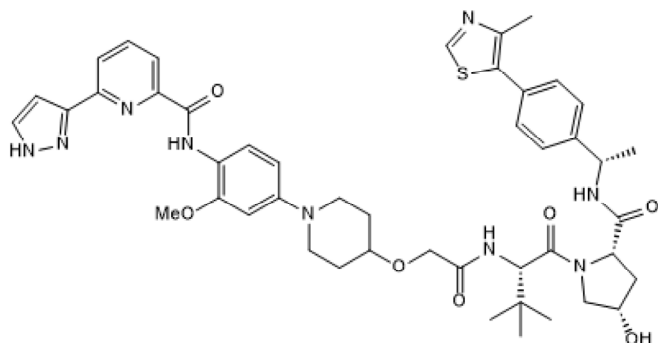
Batch Molecular Formula: C₄₆H₅₅N₉O₇S.2H₂O

Batch Molecular Weight: 914.09

Physical Appearance: Yellow solid

Minimum Purity: ≥95%

Batch Molecular Structure:



Storage: Store at -20°C

CAUTION - This product is light sensitive and we recommend that the solid material and any solutions obtained are protected from exposure to light.

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. *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.

References:

Fu *et al* (2021) Discovery of highly potent and selective IRAK1 Degraders to probe scaffolding functions of IRAK1 in ABC DLBCL. *J.Med.Chem.* **64** 10878. PMID: 34279092.

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