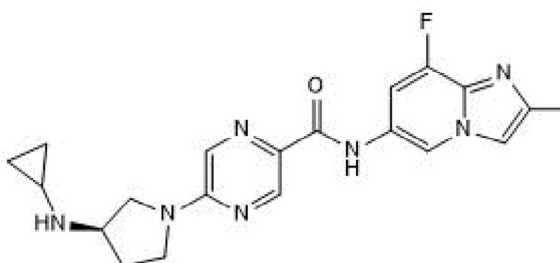


Product Name: CHDI 113 **Catalog No.:** 8063 **Batch No.:** 1
CAS Number: 2743336-70-9
IUPAC Name: 5-[(3*R*)-3-(Cyclopropylamino)-1-pyrrolidinyl]-*N*-(8-fluoro-2-methylimidazo[1,2-*a*]pyridin-6-yl)-2-pyrazinecarboxamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₀H₂₂FN₇O
Batch Molecular Weight: 395.44
Physical Appearance: Beige solid
Solubility: DMSO to 100 mM
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.2% purity
Chiral HPLC: Shows 99.8% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	60.75	5.61	24.79
Found	60.49	5.64	24.6

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

Product Name:	CHDI 113	Catalog No.:	8063	1
CAS Number:	2743336-70-9			
IUPAC Name:	5-[(3 <i>R</i>)-3-(Cyclopropylamino)-1-pyrrolidinyl]- <i>N</i> -(8-fluoro-2-methylimidazo[1,2- <i>a</i>]pyridin-6-yl)-2-pyrazinecarboxamide			

Description:

CHDI 113 is a potent huntingtin (HTT) pre-mRNA splicing modulator (EC₅₀ = 66 nM). It lowers HTT protein in both human Huntington's disease (HD) stem cells and in the brain of BACHD (bacterial artificial chromosome-mediated transgenic) mouse model. CHDI 113 is brain penetrant and orally bioavailable.

Physical and Chemical Properties:

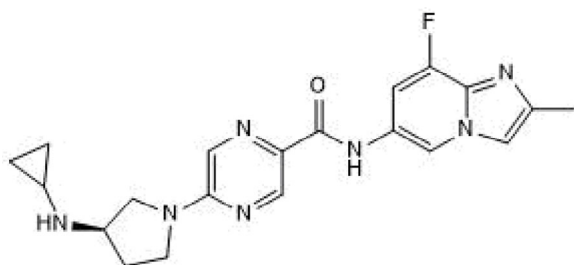
Batch Molecular Formula: C₂₀H₂₂FN₇O

Batch Molecular Weight: 395.44

Physical Appearance: Beige solid

Minimum Purity: ≥98%

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.

Licensing Information:

Sold under license from CHDI Foundation

References:

Liu *et al* (2023) Identification and optimization of RNA-splicing modulators as Huntingtin protein-lowering agents for the treatment of Huntington's disease. *J.Med.Chem.* **66** 13205. PMID: 37712656.

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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