Certificate of Analysis

Product Name: **UNC 1215, acid** **Catalog No.: 7759** **Batch No.: 1**

IUPAC Name: 4-[[2,5-Bis[[4-(1-pyrrolidinyl)-1-piperidinyl]carbonyl]phenyl]amino]benzoic acid ditrifluoroacetate

1. PHYSICAL AND CHEMICAL PROPERTIES

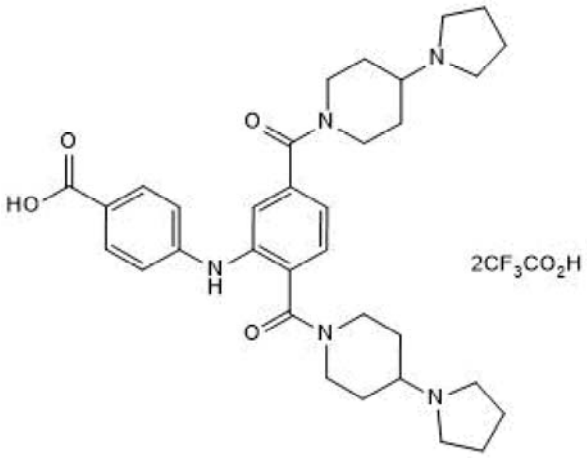
Batch Molecular Formula: $C_{33}H_{43}N_5O_4.2CF_3CO_2H.1¼H_2O$

Batch Molecular Weight: 824.3

Physical Appearance: Beige solid

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 97.9% purity

^{1}H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	53.91	5.81	8.5
Found	53.23	5.7	8.13

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: **UNC 1215, acid** **Catalog No.: 7759** **1**

IUPAC Name: 4-[[2,5-Bis[[4-(1-pyrrolidinyl)-1-piperidinyl]carbonyl]phenyl]amino]benzoic acid ditrifluoroacetate

Description:

UNC 1215, acid is a functionalized L3MBTL3 ligand for PROTAC® research and development. L3MBTL3-recruiting PROTACs induce nuclear-specific protein degradation of target proteins, such as FKBP12(F36V) and BRD2. UNC 1215, acid contains a carboxylic acid handle ready for conjugation to a target protein ligand. Part of a range of functionalized tool molecules for PROTAC® Degrader R&D. Please contact us for SD files of our available Degrader Building Blocks. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license. Please see product specific page on www.tocris.com for full description.

Physical and Chemical Properties:

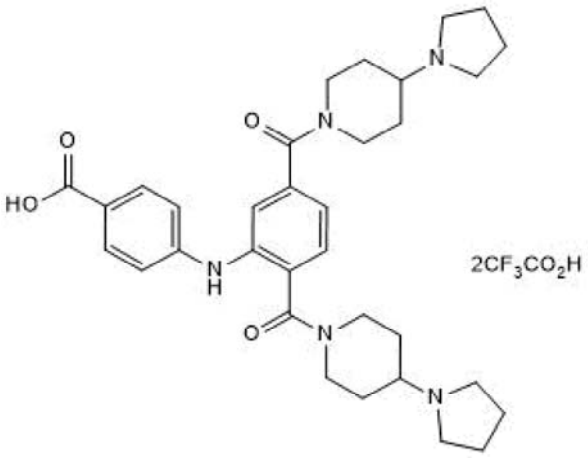
Batch Molecular Formula: $C_{33}H_{43}N_5O_4.2CF_3CO_2H.1¼H_2O$

Batch Molecular Weight: 824.3

Physical Appearance: Beige solid

Minimum Purity: ≥95%

Batch Molecular Structure:



Storage: Store at -20°C. This product is packaged under an inert atmosphere.

Solubility & Usage Info:

This compound is hygroscopic and may absorb atmospheric moisture during prolonged storage, causing the solid to become sticky and/or collapse into a gel or glass-like form. Although purity is unaffected, it may be difficult to extract the full quantity from the vial. In such a situation, we recommend that solutions are made by adding solvent directly to the vial. The vial should then be vortexed vigorously to ensure the product has completely dissolved.

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.

References:

Nalawansha *et al* (2022) Hijacking methyl reader proteins for nuclear-specific protein degradation. J.Am.Chem.Soc. ***144*** 5594. PMID: 35311258.