

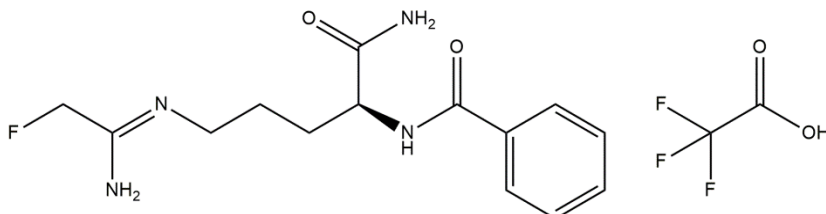
F-Amidine (trifluoroacetate salt)

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ALTERNATE NAMES: N-[(2S)-1-amino-5-[(1-amino-2-fluoroethylidene)amino]-1-oxopentan-2-yl]benzamide; 2,2,2-trifluoroacetic acid
 N-[(1S)-1-(aminocarbonyl)-4-[(2-fluoro-1-iminoethyl)amino]butyl]-benzamide, 2,2,2-trifluoroacetate

CATALOG #: B2803-100 100 µg
 B2803-500 500 µg

STRUCTURE:



MOLECULAR FORMULA: C₁₆H₂₀F₄N₄O₄

MOLECULAR WEIGHT: 408.35

CAS NUMBER: 877617-46-4

APPEARANCE: Solution in methanol

PURITY: ≥95%

SOLUBILITY: 20 mg/ml in DMSO and DMF
 30 mg/ml Ethanol

DESCRIPTION: F-Amidine (trifluoroacetate salt) is an irreversible inhibitor of protein arginine deiminase (PAD). The in vitro IC₅₀ values are 29.5 µM, 350 µM, and 21.6 µM for PAD1, PAD3 and PAD4, respectively. The IC₅₀ for cytotoxicity in HL-60, MCF-7, and HT-29 cancer cell lines is 0.5 µM, 0.5 µM and 1 µM, respectively.

STORAGE TEMPERATURE: -20°C

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

GSK-106 hydrochloride (Cat. No. B1036)
 GSK-121 trifluoroacetate (Cat. No. B1034)
 GSK-484 (Cat. No. B1035)
 Cl-Amidine (hydrochloride) (Cat. No. B2802)
 GSK-199 hydrochloride (Cat. No. B1037)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*