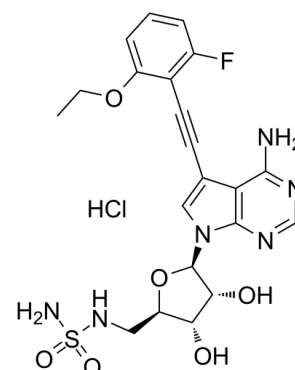


Data Sheet

Product Name:	TAS4464 (hydrochloride)
Cat. No.:	CS-0095953
CAS No.:	1848959-11-4
Molecular Formula:	C ₂₁ H ₂₄ ClFN ₆ O ₆ S
Molecular Weight:	542.97
Target:	NEDD8-activating Enzyme
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : 83.33 mg/mL (153.47 mM; Need ultrasonic); H ₂ O : 5 mg/mL (9.21 mM; ultrasonic and warming and heat to 60°C)



BIOLOGICAL ACTIVITY:

TAS4464 (hydrochloride) is a highly potent and selective inhibitor of **NEDD8 activating enzyme (NAE)**, with an **IC₅₀** of 0.955 nM^[1].
IC₅₀ & Target: IC₅₀: 0.955 nM (NAE)^[1]

References:

[1]. Yoshimura C, et al. TAS4464, a highly potent and selective inhibitor of NEDD8 activating enzyme, suppresses neddylation and shows antitumor activity in diverse cancer models. Mol Cancer Ther. 2019 May 15.

CAIndexNames:

7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[5-[(aminosulfonyl)amino]-5-deoxy-β-D-ribofuranosyl]-5-[2-(2-ethoxy-6-fluorophenyl)ethynyl]-, hydrochloride (1:1)

SMILES:

NC1=NC=NC2=C1C(C#CC3=C(F)C=CC=C3OCC)=CN2[C@@H]4O[C@H](CNS(=O)(N)=O)[C@@H](O)[C@H]4O.Cl

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA