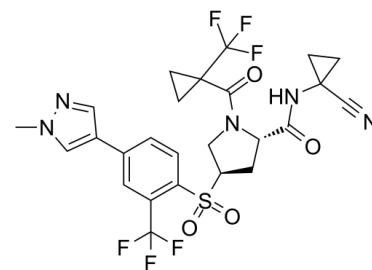


Data Sheet

Product Name:	Petesicatib
Cat. No.:	CS-0033436
CAS No.:	1252637-35-6
Molecular Formula:	C ₂₅ H ₂₃ F ₆ N ₅ O ₄ S
Molecular Weight:	603.54
Target:	Cathepsin
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : 125 mg/mL (207.11 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Petesicatib is a **cathepsin S** inhibitor, used in research of immune diseases^[1]. IC₅₀ & Target: Cathepsin S^[1] **In Vitro:** Petesicatib (Example 238) is a cathepsin S inhibitor, used in research of immune diseases^[1].

References:

[1]. Rubén Alvarez Sánchez, et al. Novel proline derivatives. US20100267722A1

CAIndexNames:

2-Pyrrolidinecarboxamide, N-(1-cyanocyclopropyl)-4-[[4-(1-methyl-1H-pyrazol-4-yl)-2-(trifluoromethyl)phenyl]sulfonyl]-1-[[1-(trifluoromethyl)cyclopropyl]carbonyl]-, (2S,4R)-

SMILES:

O=C(N1C@@H](C[C@@H](S(=O)(C2=C(C=C(C3=CN(C)N=C3)C=C2)C(F)(F)F)=O)C1)C(NC4(CC4)C#N)=O)C5(CC5)C(F)(F)F

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

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