

Etelcalcetide hydrochloride

Chemical Properties

CAS No. : 1334237-71-6

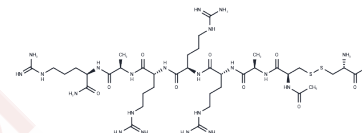
Formula: C₃₈H₇₃N₂₁O₁₀S₂. xHCl

Molecular Weight:

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Etelcalcetide hydrochloride (AMG 416 hydrochloride) is a synthetic peptide that serves as an allosteric modulator of the calcium-sensing receptor (CaSR), effectively reducing parathyroid hormone (PTH) levels in patients with secondary hyperparathyroidism undergoing hemodialysis.
Targets(IC50)	CaSR

Solubility Information

Solubility	H ₂ O: 250.00 mg/mL, Sonication is recommended. DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Block GA, et al. Effect of Etelcalcetide vs Cinacalcet on Serum Parathyroid Hormone in Patients Receiving Hemodialysis With Secondary Hyperparathyroidism: A Randomized Clinical Trial. JAMA. 2017 Jan 10;317(2):156-164.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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