

Product Data Sheet

Product Name: KP-2067

Cat. No.: GC79198

Chemical Properties

Cas. No. 1262781-19-0

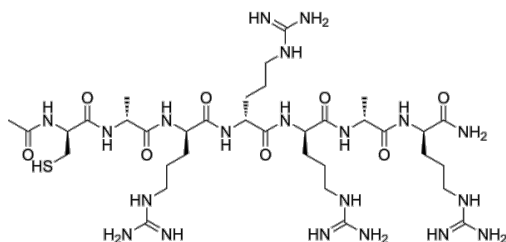
Formula $C_{35}H_{68}N_{20}O_8S$ M.Wt 929.11

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

KP-2067 is a form of the CaSR agonist peptide. KP-2067 can result in dose-dependent activation of CaSR in HEK293T overexpressing hCaSR cell line, with an EC_{50} of $18.4 \mu M$. KP-2067 significantly reduces plasma parathyroid hormone in rat model [1].

References:

[1]. Alexander, S. T., et al., (2015). Critical Cysteine Residues in Both the Calcium-Sensing Receptor and the Allosteric Activator AMG 416 Underlie the Mechanism of Action. *Molecular pharmacology*, 88(5), 853-865.

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

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