

Product Data Sheet

Product Name: Aclerastide

Cat. No.: GC72137

Chemical Properties

Cas. No. 227803-63-6

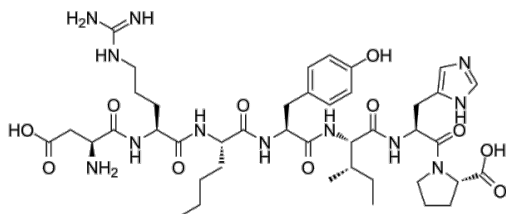
Formula $C_{42}H_{64}N_{12}O_{11}$ M.Wt 913.03

Solubility DMSO : ≥ 100 mg/mL (109.53 mM) Storage Sealed storage, away from moisture and light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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

Aclerastide (DSC-127) is an angiotensin receptor agonist. Aclerastide also is a peptide analog of angiotensin II. Aclerastide can be used for the research of tissue regeneration in diabetic ulcers.

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

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Acclerastide (0.1 mg/wound; day for 5 days) shows superior efficacy in the db/db mouse model of wound healing^[1].

Acclerastide (topically administered; 100 µL; once a day; for 14 days) elevates levels of reactive oxygen species and of active MMP-9^[2].

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