
Product Data Sheet

Product Name: Maxadilan

Cat. No.: GA23169

Chemical Properties

Cas. No. 135374-80-0

Formula $C_{291}H_{466}N_{86}O_{94}S_6$

M.Wt 6865.82

Solubility Soluble in DMSO

Storage Store at -20°C

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**

Maxadilan, isolated from the salivary gland of the sand fly *Lutzomyia longipalpis*, is a potent vasodilator. The peptide specifically and potently activates the mammalian PAC1 receptor, one of the three receptors for PACAP.

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

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