

Product Data Sheet

Product Name: α -Bungarotoxin

Cat. No.: GC20230

Chemical Properties

Cas. No. 11032-79-4

Formula $C_{338}H_{529}N_{97}O_{105}S_{11}$

M.Wt 7984.12

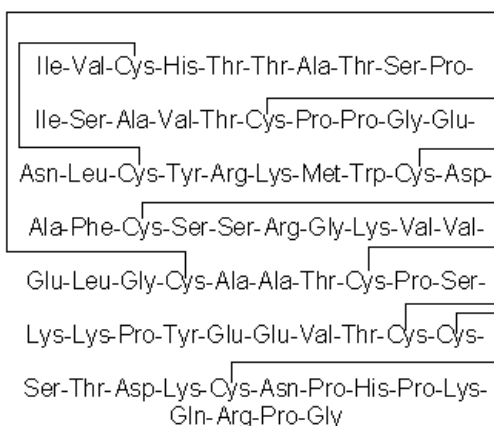
Solubility H_2O : ≥ 50 mg/mL (6.26 mM)

Storage Store at $-20^{\circ}C$, Sealed storage, away from moisture

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

α -Bungarotoxin is a competitive antagonist at nicotinic acetylcholine receptors (nAChRs). α -Bungarotoxin, a selective $\alpha 7$ receptor blocker, blocks $\alpha 7$ currents with an IC_{50} of 1.6 nM and has no effects on $\alpha 3\beta 4$ currents at concentrations up to 3 μM .

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA