
Product Data Sheet

Product Name: (Gly?,Thr?,Ser?)-Oxytocin

Cat. No.: GA24046

Chemical Properties

Cas. No.

Formula M.Wt 984.15

Solubility Storage < -15°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 (Gly?,Thr?,Ser?)-Oxytocin

Background

The cyclopeptide kB7-OT1 was designed using the kalata B7 loop 3 as template. The oxytocin analog turned out to be a selective agonist at the oxytocin receptor capable to intact human myometrium in the submicromolar range, neglecting other subtype related receptors (i.e. V1a, V1b and V2 receptors) at concentrations higher than 10 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