
Product Data Sheet

Product Name: DP-b99
Cat. No.: GC69006

Chemical Properties

Cas. No. 222315-88-0

Formula $C_{42}H_{64}N_{2}O_{12}$

M.Wt 788.96

Solubility DMSO : 100 mg/mL (126.75 mM; Need ultrasonic)

Storage 4°C, protect from 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

DP-b99 is a chelator of zinc and calcium ions that acts selectively within cell membranes and has neuroprotective properties in animal models of stroke.

[1]. Kalendarev T, Zupkovitz G, Ioffe V. The unusual gradient elution for reversed phase HPLC of a strong chelator as an active drug substance. J Pharm Biomed Anal. 2001;24(5-6):967-975.

[2]. Diener HC, Schneider D, Lampl Y, Bornstein NM, Kozak A, Rosenberg G. DP-b99, a membrane-activated metal ion chelator, as neuroprotective therapy in ischemic stroke. Stroke. 2008;39(6):1774-1778.

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

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