
Product Data Sheet

Product Name: Dodecyl-TPP

Cat. No.: GB40185

Chemical Properties

Cas. No. 15510-55-1

Formula C₃₀H₄₀BrP

M.Wt

511.52

Solubility

Storage

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**

Dodecyl-TPP (15510-55-1) is a mitochondria-targeting agent which inhibits mitochondrial function inhibiting oxidative phosphorylation and shifting cell metabolism to glycolysis. Potently eradicates cancer stem cells (50 nm to 1 mM) selectively over normal cells. Synergizes with FDA-approved drugs such as doxycycline and niclosamide as well as natural compounds such as berberine. Selectively inhibits the growth of Gram-positive over Gram-negative bacteria.

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