

Product Data Sheet

Product Name: MA3 aptamer sodium

Cat. No.: GC73846

Chemical Properties

Cas. No.

Formula

M.Wt

26266.07

Solubility

Storage

-20°C, sealed storage, away from moisture

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

MA3 aptamer (sodium)

Background

MA3 aptamer sodium is an 86-base long DNA aptamer targeting the mucin MUC1. MA3 aptamer sodium binds to the peptide epitope of mucin 1 (MUC1) with a K_d of 38.3 nM and has minimal cross-reactivity with albumin.

References:

[1]. Hu Y, Duan J, Zhan Q, Wang F, Lu X, Yang XD. Novel MUC1 aptamer selectively delivers cytotoxic agent to cancer cells in vitro. PLoS One. 2012;7(2):e31970.

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