

Product Data Sheet

Product Name: Trabedersen sodium

Cat. No.: GC73087

Chemical Properties

Cas. No.

Formula $C_{177}H_{217}N_{60}Na_{18}O_{94}P_{17}S_{17}$ M.Wt 6174.43

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

Trabedersen (sodium)

Background

Trabedersen sodium is an antisense oligodeoxynucleotide that specifically inhibits TGF-β2 (TGF-beta/Smad). Trabedersen sodium can be used for the study of malignant brain tumors and other solid tumors overexpressing TGF-β2, such as those of the skin, pancreas and colon.

References:

[1]. Luc Vallières. Trabedersen, a TGFbeta2-specific antisense oligonucleotide for the treatment of malignant gliomas and other tumors overexpressing TGFbeta2. IDrugs. 2009 Jul;12(7):445-53.

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

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[2]. Karl-Hermann Schlingensiepen, et al. Transforming growth factor-beta 2 gene silencing with trabedersen (AP 12009) in pancreatic cancer. Cancer Sci. 2011 Jun;102(6):1193-200.

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