
Product Data Sheet

Product Name: 17-trans Prostaglandin E3

Cat. No.: GC18739

Chemical Properties

Cas. No. 210979-33-2

Chemical Name 9-oxo-11 α ,15S-dihydroxy-prosta-5Z,13E,17E-trien-1-oic acidSMILES O=C1[C@H](C/C=C\CCCC(O)=O)[C@@H](/C=C/[C@@H](O)C/C=C/CC)[C@H](O)C1Formula C₂₀H₃₀O₅ M.Wt 350.5

Solubility DMF: >100 mg/ml (from PGE2), DMSO: >100 mg/ml (from PGE2), Ethanol: >100 mg/ml (from PGE2), PBS pH 7.2: >5 mg/ml (from PGE2) Store Storage at -20°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 **Background**

17-trans PGE3 is an isomer of PGE3 which could theoretically result from the COX metabolism of dietary trans-fatty acids. There are no published reports on the biological activity of this compound.

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