
Product Data Sheet

Product Name: 19(R)-hydroxy Prostaglandin A2

Cat. No.: GC18786

Chemical Properties

Cas. No. 52087-58-8

Chemical Name 9-oxo-15S,19R-dihydroxy-prosta-5Z,10,13E-trien-1-oic acid

SMILES O=C1[C@H](C/C=C\CCCC(O)=O)[C@@H](/C=C/[C@@H](O)CCC[C@H](O)C)C=C1Formula C₂₀H₃₀O₅ M.Wt 350.5Solubility DMF: >75 mg/ml (from PGA1), DMSO: >50 mg/ml (from Store
PGA1), Ethanol: >100 mg/ml (from PGA1), PBS pH 7.2: >2.4 mg/ml (from PGA1) Storage at -
20°CGeneral 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**

Found in human seminal plasma, 19(R)-hydroxy prostaglandin A2 (19(R)-hydroxy PGA2) is presumed to be a non-enzymatic dehydration metabolite of 19(R)-hydroxy PGE2, which is also found in semen.

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

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