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**Product Data Sheet**

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Product Name: Prostaglandin F1 $\beta$ 

Cat. No.: GC18865

**Chemical Properties**

Cas. No. 10164-73-5

Chemical Name 9 $\beta$ ,11 $\alpha$ ,15S-trihydroxy-prost-13E-en-1-oic acidSMILES O[C@H]1[C@H](CCCCCCC(O)=O)[C@@H](/C=C/[C@@H](O)CCCC)[C@H](O)C1Formula C<sub>20</sub>H<sub>36</sub>O<sub>5</sub> M.Wt 356.5

Solubility DMF: 50 mg/ml,DMSO: 50 mg/ml,Ethanol: 50 mg/ml,PBS pH 7.2: 2 mg/ml Storage Store 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**

PGF1 $\beta$  is the C-9 epimer of PGF1 $\alpha$ . It was shown to enhance respiratory rate in experimental animals when administered intravenously.

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

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