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**Product Data Sheet**

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Product Name: Hydrocortisone phosphate

Cat. No.: GC36269

**Chemical Properties**

Cas. No. 3863-59-0

SMILES C[C@@]12[C@](C(COP(O)(O)=O)=O)(O)CC[C@@]1([H])[C@]3([H])CCC4=CC(CC[C@]4(C)[C@@]3([H])[C@@H](O)C2)=OFormula C<sub>21</sub>H<sub>31</sub>O<sub>8</sub>P M.Wt 442.44

Solubility Soluble in DMSO 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**

Hydrocortisone phosphate is the pharmaceutical term for cortisol, which is a steroid hormone, in the glucocorticoid class of hormones, increases blood sugar through gluconeogenesis, to suppress the immune system, and to aid in the metabolism of fat, protein, and carbohydrate.

**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