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**Product Data Sheet**

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Product Name: Fulvestrant R enantiomer

Cat. No.: GC36088

**Chemical Properties**

Cas. No. 1807900-80-6

SMILES C[C@@]12[C@@H](O)CC[C@@]1([H])[C@]3([H])[C@H](CCCCCCCCC[S@](CCCC(F)(F)C(F)(F)F)=O)CC4=C(C=CC(O)=C4)[C@@]3([H])CC2Formula C<sub>32</sub>H<sub>47</sub>F<sub>5</sub>O<sub>3</sub>S M.Wt 606.77

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**

Fulvestrant R enantiomer is the R enantiomer of Fulvestrant. Fulvestrant is a selective estrogen receptor (ER) antagonist which can be used to treat breast cancer.

[1]. Caprioglio D, et al. An alternative synthesis of the breast cancer drug fulvestrant (Faslodex<sup>•</sup>): catalyst control over C-C bond formation. Chem Commun (Camb). 2015 Oct 14;51(80):14866-8. [2]. Osborne CK, et al. Fulvestrant: an oestrogen receptor antagonist with a novel mechanism of action. Br J Cancer. 2004 Mar;90 Suppl 1:S2-6.

**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