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**Product Data Sheet**

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Product Name: (R)-BAY-899

Cat. No.: GC63781

**Chemical Properties**

Cas. No. 2988191-40-6

Formula  $C_{25}H_{19}F_2N_5O_2$ 

M.Wt 459.45

Solubility DMSO : 125 mg/mL (272.06 mM; ultrasonic and warming and heat to 60°C)

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**

(R)-BAY-899 is the R-enantiomer of BAY-899. BAY-899 is an orally active and selective luteinizing hormone receptor (LH-R) antagonist with IC50s of 185 nM and 46nM for hLH (human LH) and rLH (rat LH), respectively[1].

[1]. Wortmann L, et al. Discovery of BAY-298 and BAY-899: Tetrahydro-1,6-naphthyridine-Based, Potent and Selective Antagonists of the Luteinizing Hormone Receptor Which Reduce Sex Hormone Levels In Vivo. J Med Chem. 2019 Oct 31.

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

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