
Product Data Sheet

Product Name: BAY-747
Cat. No.: GC68741

Chemical Properties

Cas. No. 1609342-18-8

Formula $C_{22}H_{26}F_2N_4O_2$ M.Wt 416.46

Solubility 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

BAY-747 (BAY 1165747) is an orally active and brain-penetrant stimulator of soluble

[1]. Nelissen E, et al. The sGC stimulator BAY-747 and activator runcaciguat can enhance memory in vivo via differential hippocampal plasticity mechanisms. Sci Rep. 2022 Mar 4;12(1):3589.

[2]. Vakalopoulos A, et al. New Generation of sGC Stimulators: Discovery of Imidazo[1,2-a]pyridine Carboxamide BAY 1165747 (BAY-747), a Long-Acting Soluble Guanylate Cyclase Stimulator for the Treatment of Resistant pertension. J Med Chem. 2023 Apr 11.

[3]. Krishnan SM, et al. Assessing the Use of the sGC Stimulator BAY-747, as a Potential Treatment for Duchenne Muscular Dystrop. Int J Mol Sci. 2021 Jul 27;22(15):8016.

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

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