
Product Data Sheet

Product Name: (Rac)-EC5026

Cat. No.: GC62743

Chemical Properties

Cas. No. 1809885-55-9

Formula $C_{18}H_{23}F_4N_3O_3$

M.Wt 405.39

Solubility DMSO : 250 mg/mL (616.69 mM; Need ultrasonic) 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**

(Rac)-EC5026 ((Rac)-BPN-19186) is a potent piperidine inhibitor of soluble epoxide hydrolase (sEH) extracted from patent WO2019156991A1, page 39, has a K_i of 0.06 nM. (Rac)-EC5026 can be used for the research of Parkinson's disease and dementia with Lewy Bodies (DLB)[1].

(Rac)-EC5026 inhibits soluble epoxide hydrolase (sEH), with a K_i of 0.06 nM[1].

[1]. Hammock BD, et, al. Methods of inhibiting formation of alpha synuclein aggregates. WO2019156991A1.

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

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