

Product Data Sheet

Product Name: JJC8-088 dioxalate

Cat. No.: GC73772

Chemical Properties

Cas. No. 2068692-71-5

Formula C₃₂H₃₆F₂N₂O₁₀S

M.Wt 678.7

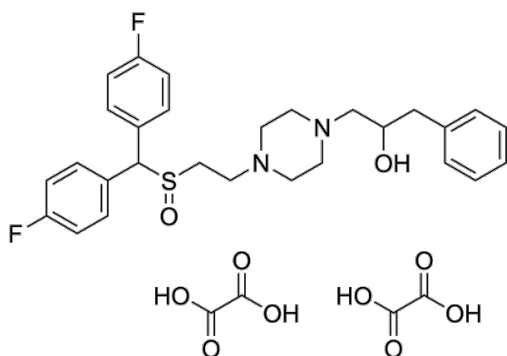
Solubility DMSO : 33.33 mg/mL (49.11 mM;
ultrasonic and warming and heat to
60°C)

Storage -20°C, sealed storage, away from
moisture

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

JJC8-088 dioxalate is the dioxalate salt form of JJC8-088 . JJC8-088 dioxalate is a derivative of modafinil. JJC8-088 dioxalate is an inhibitor for dopamine transporter (DAT). JJC8-088 dioxalate exhibits behavioral characteristics similar to cocaine in rat models, and can be to study psychostimulant use disorders.

References:

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

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[1]. Newman AH, et al., Translating the atypical dopamine uptake inhibitor pothesis toward therapeutics for treatment of psychostimulant use disorders. Neuropsychopharmacology. 2019 Jul;44(8):1435-1444.

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