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## Product Data Sheet

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Product Name: JF-NP-26  
Cat. No.: GC50497

### Chemical Properties

Cas. No. 2341841-03-8

SMILES CC1=CC(C)=C(NC(OCC2=CC(OC3=C2C=CC(N(CC)CC)=C3)=O)=O)C(C#CC4=CC=CC(F)=C4)=N1

Formula  $C_{30}H_{28}FN_3O_4$  M.Wt 513.56

Solubility Soluble in DMSO Storage Store at -20°C

General 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 Evaluation sample solution: ship with blue ice. All other available sizes: ship with RT, or blue ice Condition upon request.

Structure

### Background

Caged Raseglurant. Releases raseglurant upon exposure to 405 nm (violet) light. Inhibits the effects of Quisqualate in cultured neurons when exposed to 405 nm light. Exhibits analgesic activity in pain models in vivo on photoactivation. Quantum yield = 0.18.

Font et al (2017) Optical control of pain in vivo with a photoactive mGlu5 receptor negative allosteric modulator. eLIFE 6 e23545 PMID:28395733

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

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