

Product Data Sheet

Product Name: (Rac)-BL-918

Cat. No.: GC34447

Chemical Properties

Cas. No. 2435589-07-2

SMILES O=C(NC1=CC=C(F)C=C1F)C(NC(NC2=CC(C(F)(F)F)=CC(C(F)(F)F)=C2)=S)C3=CC=CC=C3

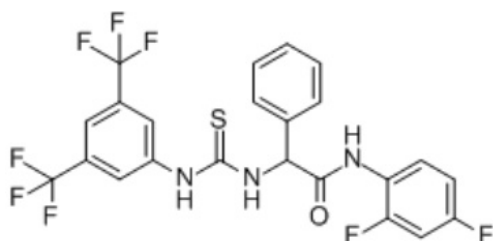
Formula C23H15F8N3OS M.Wt 533.44

Solubility DMSO : ≥ 125 mg/mL (234.33 mM); Water : < 0.1 mg/mL (insoluble) 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)-BL-918 is the racemate of BL-918. BL-918 is a potent activator of UNC-51-like kinase 1 (ULK1), inducing cytoprotective autophagy for Parkinson's disease treatment[1].

[1]. Ouyang L, et al. Small-Molecule Activator of UNC-51-Like Kinase 1 (ULK1) That Induces Cytoprotective Autophagy for Parkinson's Disease Treatment. J Med Chem. 2018 Apr 12;61(7):2776-

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

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Product Data Sheet

2792.

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