

Product Data Sheet

Product Name: (S,S)-BMS-984923

Cat. No.: GC73083

Chemical Properties

Cas. No. 1375752-77-4

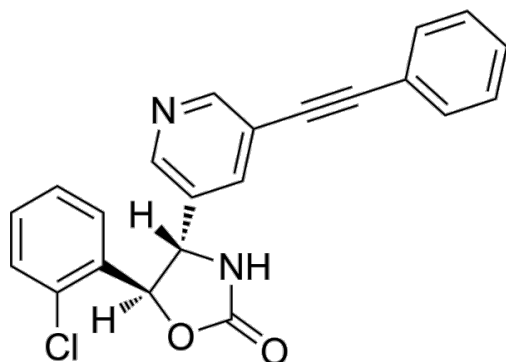
Formula $C_{22}H_{15}ClN_2O_2$ M.Wt 374.82

Solubility Storage $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

(S,S)-BMS-984923 is a less active (S,S)-enantiomer of BMS-984923. (S,S)-BMS-984923 shows an $EC_{50} > 1\mu M$ for mGluR5 receptor. BMS-984923 is a potent mGluR5 silent allosteric modulator. (S,S)-BMS-984923 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

References:

[1]. Andrew P. Degnan, et al. Oxazolidinones as modulators of mglur5. WO2012064603A1. [2]. Laura T Haas, et al. Silent Allosteric Modulation of mGluR5 Maintains Glutamate Signaling while Rescuing

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Alzheimer's Mouse Phenotypes. Cell Rep. 2017 Jul 5;20(1):76-88.

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