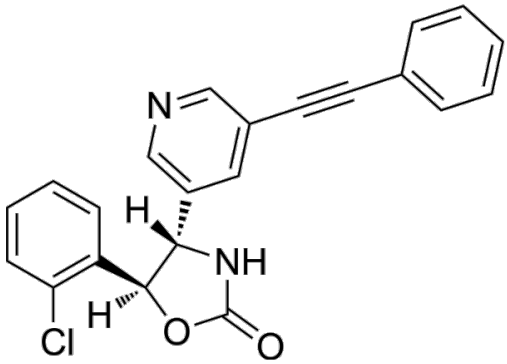
Product Data Sheet

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°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

(S,S)-BMS-984923 is a less active (S,S)-enantiomer of BMS-984923. (S,S)-BMS-984923 shows an EC50 >1μM 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

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