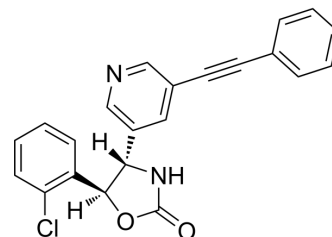


## (S,S)-BMS-984923

Cat. No.:	HY-141848A		
CAS No.:	1375752-77-4		
Molecular Formula:	C <sub>22</sub> H <sub>15</sub> ClN <sub>2</sub> O <sub>2</sub>		
Molecular Weight:	374.82		
Target:	mGluR		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

(S,S)-BMS-984923 is a less active (S,S)-enantiomer of BMS-984923. (S,S)-BMS-984923 shows an EC<sub>50</sub> >1μM for mGluR5 receptor<sup>[1]</sup>. BMS-984923 is a potent mGluR5 silent allosteric modulator<sup>[2]</sup>. (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 Alzheimer's Mouse Phenotypes. Cell Rep. 2017 Jul 5;20(1):76-88.

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

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