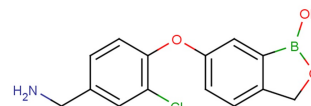


AN-3485

## Chemical Properties

CAS No.:	1213827-99-6
Formula:	C <sub>14</sub> H <sub>13</sub> BClNO <sub>3</sub>
Molecular Weight:	289.52
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	AN-3485 is a Toll-Like Receptor(TLR) inhibitor (IC <sub>50</sub> : 18 to 580 nM).
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.454 mL	17.27 mL	34.54 mL
5 mM	0.691 mL	3.454 mL	6.908 mL
10 mM	0.345 mL	1.727 mL	3.454 mL
50 mM	0.069 mL	0.345 mL	0.691 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

### Reference

1. Dong C, et al. Inhibition of Toll-like receptor-mediated inflammation in vitro and in vivo by a novelbenzoxaborole. J Pharmacol Exp Ther. 2013 Feb;344(2):436-46.

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481