

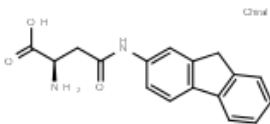
## Certificate of Analysis

Target	Inhibitors & Agonists>>Membrane Transporter/Ion Channel>>Glutamate Transporter
Cat.No	DC11144
Name	NBI-59159

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## Chemical Properties

CAS	1026096-83-2
Formula	C <sub>17</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>
MW	296.326
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure shows a central benzimidazole ring system. One of the nitrogen atoms in the benzimidazole is substituted with a propyl chain. The terminal carbon of this propyl chain is part of a carboxamide group (-CONH<sub>2</sub>), with the hydrogen atom explicitly shown. The other nitrogen atom in the benzimidazole ring is also substituted with a propyl chain, which is also part of a carboxamide group (-CONH<sub>2</sub>), with the hydrogen atom explicitly shown. The two propyl chains are oriented in opposite directions relative to the benzimidazole ring.</p>
Purity	>98%

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www.dcchemicals.com