

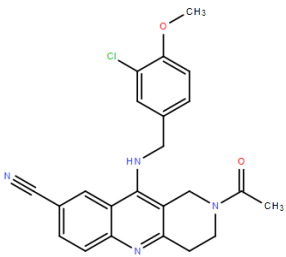
## Certificate of Analysis

Target	Inhibitors & Agonists>>Metabolic Enzyme/Protease>>Phosphodiesterase (PDE)
Cat.No	DC11559
Name	PDE5-IN-6c

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## Chemical Properties

CAS	1448419-13-3
Formula	C <sub>23</sub> H <sub>21</sub> CLN <sub>4</sub> O <sub>2</sub>
MW	420.897
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of PDE5-IN-6c is a complex heterocyclic molecule. It features a central benzimidazole ring system. One of the benzimidazole nitrogens is substituted with a 4-chloro-3-methoxyphenyl group via a methylene bridge. The other benzimidazole nitrogen is substituted with an acetyl group (-C(=O)CH<sub>3</sub>). The benzimidazole core also has a cyano group (-C≡N) attached to the benzene ring and a methyl group (-CH<sub>3</sub>) attached to the imidazole ring.</p>
Purity	>98%

Website:  
www.dcchemicals.com