

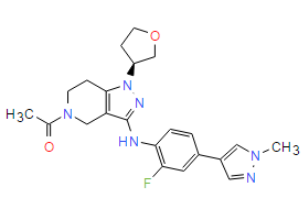
## Certificate of Analysis

Target	Inhibitors & Agonists>>Epigenetics>>Bromodomain
Cat.No	DC9934
Name	GNE-272

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## Chemical Properties

CAS	1936428-93-1
Formula	C <sub>22</sub> H <sub>25</sub> N <sub>6</sub> O <sub>2</sub>
MW	424.2
Storage	4°C for 1 year, -20°C for more than 2 years
Structure	 <p>The chemical structure of GNE-272 is a complex molecule. It features a central benzimidazole ring system. One nitrogen of the benzimidazole is substituted with a methyl group (CH<sub>3</sub>). The other nitrogen is substituted with a piperidine ring, which has a methyl group (CH<sub>3</sub>) attached to its nitrogen. The benzimidazole ring is also substituted with a 4-(methylamino)phenyl group and a 2-(2-oxoethyl)oxy group. The 4-(methylamino)phenyl group consists of a benzene ring with a methylamino group (-NHCH<sub>3</sub>) at the para position and a fluorine atom at the ortho position. The 2-(2-oxoethyl)oxy group is a five-membered cyclic acetal ring with an oxygen atom and a carbonyl group (C=O).</p>
Purity	>98%

**Website:**  
www.dcchemicals.com