

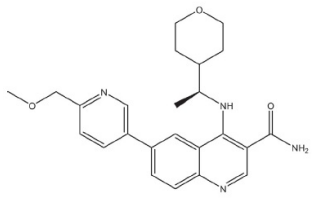
## Certificate of Analysis

Target	生物活性小分子>>Cell Cycle/DNA Damage>>ATM/ATR
Cat.No	DC10906
Name	AZ31

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## Chemical Properties

CAS	2088113-98-6
Formula	C <sub>24</sub> H <sub>28</sub> N <sub>4</sub> O <sub>3</sub>
MW	420.22
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of AZ31 is a complex molecule. It features a central benzimidazole ring system. One of the benzimidazole nitrogens is substituted with a morpholine ring. The other benzimidazole nitrogen is substituted with a methyl group. The benzimidazole ring is further substituted with a 4-(methoxymethyl)pyridin-2-yl group and a primary amide group (-NH<sub>2</sub>).</p>
Purity	>98%

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