

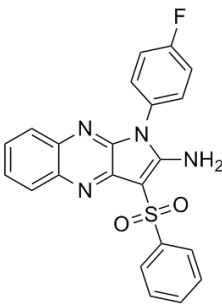
## Certificate of Analysis

Target	生物活性小分子>>Epigenetics>>Sirtuin
Cat.No	DC10579
Name	CAY 10602

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## Chemical Properties

CAS	374922-43-7
Formula	C <sub>22</sub> H <sub>15</sub> N <sub>4</sub> O <sub>2</sub> S
MW	418.44
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 benzimidazole ring system. The nitrogen at position 2 is substituted with a 4-fluorophenyl group. The nitrogen at position 3 is substituted with an amino group (-NH<sub>2</sub>). The carbon at position 4 is substituted with a benzylsulfonamide group (-SO<sub>2</sub>-CH<sub>2</sub>-C<sub>6</sub>H<sub>5</sub>).</p>
Purity	>98%

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