

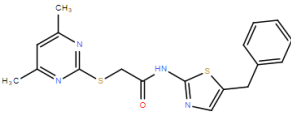
## Certificate of Analysis

Target	Inhibitors & Agonists>>Epigenetics>>Sirtuin
Cat.No	DC11587
Name	SirReal1

Tel: +86-21-58447131  
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## Chemical Properties

CAS	801227-82-7
Formula	C <sub>18</sub> H <sub>18</sub> N <sub>4</sub> O <sub>2</sub> S <sub>2</sub>
MW	370.489
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of SirReal1 is shown. It consists of a pyridine ring substituted with a methyl group (CH<sub>3</sub>) at the 2-position and a methylthio group (SCH<sub>3</sub>) at the 4-position. This pyridine ring is connected via a methylene group (-CH<sub>2</sub>-) to a sulfur atom, which is part of a thioether linkage (-S-CH<sub>2</sub>-). This sulfur atom is further connected to a carbonyl group (-C(=O)-), which is linked to a nitrogen atom (-NH-). This nitrogen atom is part of a thiazole ring system, which is substituted with a benzyl group (-CH<sub>2</sub>-C<sub>6</sub>H<sub>5</sub>) at the 4-position.</p>
Purity	>98%

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