



## Data Sheet (DS) 7TMGRK56-IN

Issuing Date: 2026-02-24

Description	GRK5/6 Inhibitor (Cmpd 18)
Format	Powder
Product Type	GRK Inhibitor
Molecular Weight	438.91
CAS NO	2677786-61-5
Quantity	5 mg

### Product Details

Applications	<p>This product has been reported to work in the following concentrations:</p> <table border="1"> <thead> <tr> <th></th> <th colspan="4">IC50 (µM)</th> </tr> <tr> <th></th> <th>GRK2</th> <th>GRK3</th> <th>GRK5</th> <th>GRK6</th> </tr> </thead> <tbody> <tr> <td><b>Cmpd 8h</b></td> <td>2.1</td> <td>3.2</td> <td>&gt;30</td> <td>&gt;30</td> </tr> <tr> <td><b>Cmpd 18</b></td> <td>&gt;30</td> <td>&gt;30</td> <td>11.2</td> <td>8.5</td> </tr> <tr> <td><b>Cmpd 19</b></td> <td>&gt;30</td> <td>&gt;30</td> <td>1.5</td> <td>1,1</td> </tr> </tbody> </table> <p>This information is derived from testing within our laboratories and peer-reviewed publications. Suggested working concentrations are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.</p>		IC50 (µM)					GRK2	GRK3	GRK5	GRK6	<b>Cmpd 8h</b>	2.1	3.2	>30	>30	<b>Cmpd 18</b>	>30	>30	11.2	8.5	<b>Cmpd 19</b>	>30	>30	1.5	1,1
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Solubility	1 mg/ml in DMSO or Methanol																									
Description	Compound 18 is a potent and selective inhibitor for GRK5 and GRK6.																									
Guarantee	12 months from date of dispatch																									
Storage	Store at -20°C, Protected from light (in Solution: -80°C, 6 months; -20°C, 1 month; protected from light)																									
Regulatory	For research purposes only																									
Health and Safety Information	Material Safety Data Sheet documentation is available at <a href="https://7tmantibodies.com/grk-tools/grk-inhibitors/659/grk5/6-inhibitor-cmpd-18">https://7tmantibodies.com/grk-tools/grk-inhibitors/659/grk5/6-inhibitor-cmpd-18</a> in the downloads section as: <a href="#">Safety Data Sheet</a>																									

### Related Products

[GRK2/3 Inhibitor \(Cmpd 8h\)](#)

[GRK5/6 Inhibitor 2 \(Cmpd 19\)](#)

## **Details of the Supplier of the Data Sheet**

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