



Data Sheet (DS) 7TMGRK56-IN2

Issuing Date: 2026-02-24

Description	GRK5/6 Inhibitor 2 (Cmpd 19)
Format	Powder
Product Type	GRK Inhibitor
Molecular Weight	423.91
CAS NO	2677786-62-6
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>Cmpd 8h</td><td>2.1</td><td>3.2</td><td>>30</td><td>>30</td></tr><tr><td>Cmpd 18</td><td>>30</td><td>>30</td><td>11.2</td><td>8.5</td></tr><tr><td>Cmpd 19</td><td>>30</td><td>>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	Cmpd 8h	2.1	3.2	>30	>30	Cmpd 18	>30	>30	11.2	8.5	Cmpd 19	>30	>30	1.5	1,1
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Cmpd 8h	2.1	3.2	>30	>30																						
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Cmpd 19	>30	>30	1.5	1,1																						
Solubility	1 mg/ml in DMSO or Methanol																									
Description	Compound 19 is a potent and selective inhibitor for GRK5 and GRK6. Compound 19 is more potent than Compound 18.																									
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 https://7tmantibodies.com/grk-tools/grk-inhibitors/660/grk5/6-inhibitor-2-cmpd-19 in the downloads section as: Safety Data Sheet																									

Related Products

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

[GRK5/6 Inhibitor \(Cmpd 18\)](#)

Details of the Supplier of the Data Sheet

Supplier

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