

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customercare-usa@hellobio.com



# DATASHEET

GV-58

## Product overview

<b>Name</b>	GV-58
<b>Cat No</b>	HB3920
<b>Purity</b>	>97%
<b>Description</b>	Selective N- and P/Q-type Ca <sup>2+</sup> -channel agonist

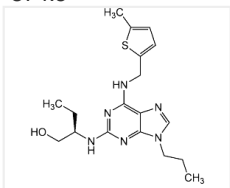
## Biological Data

<b>Biological description</b>	Selective N- and P/Q-type Ca <sup>2+</sup> -channel agonist. These Ca <sup>2+</sup> -channels regulate transmitter release in synapses. Potential lead compound for a variety of disorders that result in neuromuscular weakness.
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## Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

## Chemical Data

<b>Chemical name</b>	(2R)-2-[[[6-[[[(5-Methyl-2-thienyl)methyl]amino]-9-propyl-9H-purin-2-yl]amino]-1-butanol
<b>Molecular Weight</b>	374.5
<b>Chemical structure</b>	

<b>Molecular Formula</b>	C <sub>18</sub> H <sub>26</sub> N <sub>6</sub> OS
<b>CAS Number</b>	1402821-41-3
<b>InChiKey</b>	DPTXJOUVBMUSGY-CYBMUJFWSA-N
<b>Appearance</b>	White to off-white solid