# Data Sheet (Cat.No.T61239)



## GAL-021 sulfate

## **Chemical Properties**

CAS No.: 1380342-00-6

Formula: C11H24N6O5S

Molecular Weight: 352.41

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

## **Biological Description**

Description	GAL-021 sulfate is a BKCa channel blocker that inhibits the analgesic effects of opioids and is used in the study of respiratory control diseases.
Targets(IC50)	Potassium Channel

## **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.8376 mL	14.188 m <b></b> €	28.376 mL
5 mM	0.5675 mL	2.8376 mL	5.6752 mL
10 mM	0.2838 mL	1.4188 mL	2.8376 mL
50 mM	0.0568 mL	0.2838 mL	0.5675 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

#### Reference

Golder FJ, et al. Identification and Characterization of GAL-021 as a Novel Breathing Control Modulator. Anesthesiology. 2015 Nov;123(5):1093-104.

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