

Product Name	: GAL-021 sulfate
Synonyms	: —
Cat No.	: M35532
CAS Number	: 1380342-00-6
Molecular Formula	: C ₁₁ H ₂₄ N ₆ O ₅ S
Formula Weight	: 352.41
Chemical Name	: —
Description	GAL-021 sulfate is a potent BKCa-channel blocker. GAL-021 sulfate inhibits KCa _{1.1} in GH3 cells. GAL-021 sulfate is a novel breathing control modulator that is based on selective modification of the almitrine pharmacophore. GAL-021 sulfate increases minute ventilation in rats and non-human primates.
Pathway	: Cell Cycle/DNA Damage
Target	: Potassium Channel
Receptor	: Potassium Channel
Solubility	: —
SMILES	: O=S(=O)(O)O.N=1C(=NC(=NC1NCCC)N(OC)C)NCCC
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

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