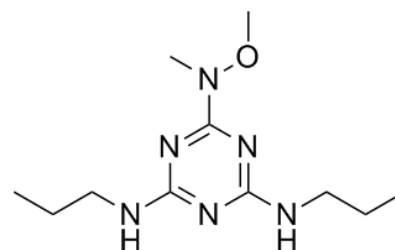


Product Name : GAL-021
Cat. No. : PC-42381
CAS No. : 1380341-99-0
Molecular Formula : C₁₁H₂₂N₆O
Molecular Weight : 254.33198
Target : Potassium Channel
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

GAL-021 is a respiratory stimulant that acts as a potent calcium-activated potassium (**BKCa**, KCa1.1) channel blocker.

GAL-021 reverses opioid-induced respiratory depression without compromising opioid analgesia in vivo.

References

- McLeod JF, et al. Br J Anaesth. 2014 Nov;113(5):875-83.
Golder FJ, et al. Anesthesiology. 2015 Nov;123(5):1093-104.
Dallas ML, et al. Adv Exp Med Biol. 2015;860:361-70.
Roozkrans M, et al. Anesthesiology. 2014 Sep;121(3):459-68.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com