

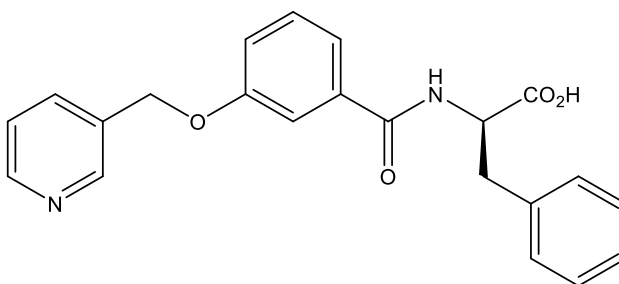
Catalog #10-4916

T-10418

CAS# 1608784-68-4

(R)-3-Phenyl-2-(3-(pyridine-3-ylmethoxy)benzamido)propanoic acid; (2R)-3-Phenyl-2-[[3-(pyridine-3-ylmethoxy)benzoyl]amino]propanoic acid

Lot # FBA9223



T-10418 is a potent ($EC_{50} = 820$ nM) and selective (against 300 non-olfactory GPCRs) agonist of G2 accumulation protein (G2A; GPR132). At 100 nM, T-10418 resulted in 244% TRPV1 sensitization in mouse sensory neurons. T-10418 is an interesting new chemical tool to study G2A biology.

- 1) Hernandez-Olmos *et al.* (2024), *Development of a Potent and Selective G2A (GPR132) Agonist*; J.Med.Chem. **67** 10567

PHYSICAL DATA

Molecular Weight:	376.14
Molecular Formula:	C ₂₂ H ₂₀ N ₂ O ₄
Purity:	98% (HPLC)
	NMR: (Conforms)
Solubility:	DMSO (>65 mg/mL)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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