



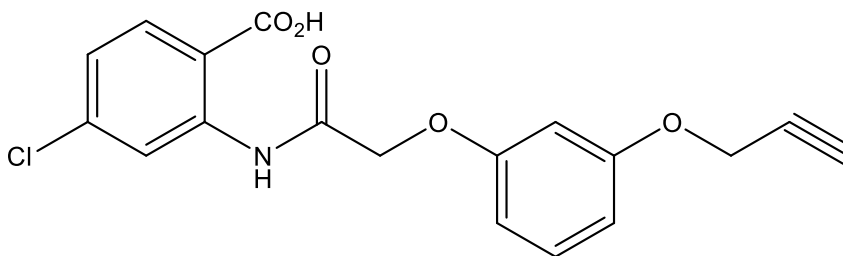
Catalog # 10-4470

PBA

CAS# 3128041-29-9

4-Chloro-2-(2-(3-(prop-2-yn-1-yloxy)phenoxy)acetamido)benzoate

Lot # FBA11036



PBA is a potent and selective TRPM4 channel blocker (IC_{50} (HCT116) = 0.15 μ M; IC_{50} (HEK293) = 0.34 μ M). Active in both human and mouse. TRPM4 blockers are of interest in treating cardiovascular diseases, neuronal diseases, and cancer

- 1) Gerber *et al.* (2026), *Potent Anthranillic Anilide-Based TRPM4 Channel Inhibitors Identified by a Structure-Activity Relationship Study*; J. Med. Chem. **69** 8763

PHYSICAL DATA

Molecular Weight:	359.76
Molecular Formula:	C ₁₈ H ₁₄ ClNO ₅
Purity:	>98% by HPLC
	NMR: (Conforms)
Solubility:	DMSO (>100 mg/ml)
Physical Description:	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.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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