



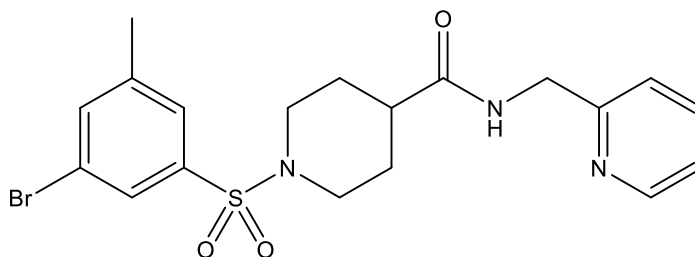
Catalog # 10-4909

BI01455810

CAS# 2227549-51-9

1-(3-Bromo-5-methylbenzenesulfonyl)piperidine-4-carboxylic acid (pyridine-2-ylmethyl)amide; 1-[3-Bromo-5-methylphenyl)sulfonyl]-N-(2-pyridinylmethyl)-4-piperidinecarboxamide

Lot # FBA11062



BI01455810 is a potent (IC_{50} s = 285 nM HEK293; 184 nM HepG2) and selective inhibitor of the human (but not mouse) citrate transporter NaCT (SLC13A5).¹ It inhibited citrate-induced and NaCT-mediated increases in the level of cellular oxygen consumption rate.

- 1) Quigley *et. al.* (2026), *Discovery and Characterization of a Nonacidic Small-Molecules Inhibitor of the Sodium-Coupled Dicarboxylate Transporter NaCT*; J. Med. Chem., **69** 10046

PHYSICAL DATA

Molecular Weight: 452.37
Molecular Formula: $C_{19}H_{22}BrN_3O_3S$
Purity: >98% by HPLC
NMR: (Conforms)
Solubility: DMSO (70 mg/ml)
Physical Description: Off-white solid
Storage and Stability: Store as supplied desiccated 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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