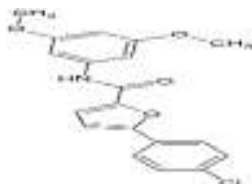


# A-803467

**ALTERNATE NAME:** A803467  
5-4(-Chlorophenyl)-N-(3,5-dimethoxyphenyl)furan-2-carboxamide

**CATALOG #:** B3214-5 5 mg  
B3214-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>19</sub>H<sub>16</sub>ClNO<sub>4</sub>

**MOLECULAR WEIGHT:** 357.79

**CAS NUMBER:** 944261-79-4

**APPEARANCE:** Off-white solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >30 mg/ml DMSO

**DESCRIPTION:** A-803467 is a selective sodium channel blocker that potently blocks tetrodotoxin-resistant currents (IC<sub>50</sub> = 140 nM) and the generation of spontaneous and electrically evoked action potentials in vitro in rat dorsal root ganglion neurons. In recombinant cell lines, A-803467 potently blocks human Nav1.8 (IC<sub>50</sub> = 8 nM) and was >100-fold selective vs. human Nav1.2, Nav1.3, Nav1.5, and Nav1.7 (IC<sub>50</sub> values ≥1 μM).

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Ambroxol hydrochloride (9688)  
GBR-12909 (B3043)  
Safinamide (B2022)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*