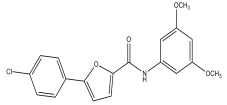


**PRODUCT: A-803467**

<b>ALTERNATE NAME:</b>	5-(4-Chlorophenyl)-N-(3,5-dimethoxyphenyl)furan-2-carboxamide
<b>CATALOG #:</b>	2559-5, 25
<b>AMOUNT:</b>	5 mg, 25 mg
<b>STRUCTURE:</b>	
<b>MOLECULAR FORMULA:</b>	C <sub>19</sub> H <sub>16</sub> ClNO <sub>4</sub>
<b>MOLECULAR WEIGHT:</b>	357.80
<b>CAS No.</b>	944261-74-9
<b>APPEARANCE:</b>	Off-white solid
<b>SOLUBILITY:</b>	DMSO (~30 mg/ml) or EtOH (~ 5 mg/ml)
<b>PURITY:</b>	≥98% by TLC
<b>STORAGE:</b>	Store at -20°C. Protect from light and air
<b>DESCRIPTION:</b>	A potent, selective inhibitor of the TTX-resistant voltage-gated sodium channel Na(v1.8). Na(v1.8) is preferentially expressed in sensory neurons, and inhibition attenuates both inflammatory and neuropathic pain in a variety of animal models. IC <sub>50</sub> 's for rat and human Na(v1.8) are 140 nM and 8.0 nM respectively.
<b>REFERENCES:</b>	McGaraughty, S., <i>et al.</i> (2008). <i>J. Pharmacol. Exp. Ther.</i> <b>324</b> , 1204-1211.

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

**RELATED PRODUCTS:**

Aconitine (Cat. No. 2423-10, 50)  
Mambalgin (Cat. No. 2421-50, 100)  
Veratridine (Cat. No. 2422-5, 25)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans.**