

## A-803467, Sodium NaV1.8 channel blocker

---

Catalog	Unit
TBI1066-10MG	10 mg
TBI1066-50MG	50 mg

### Product Details

**Formal Name:** 5-(4-Chlorophenyl)-N-(3,5-dimethoxyphenyl)furan-2-carboxamide

**Molecular Formula:** C<sub>19</sub>H<sub>16</sub>ClNO<sub>4</sub>

**Formula Weight:** 357.80

**CAS Number:** 944361-79-4

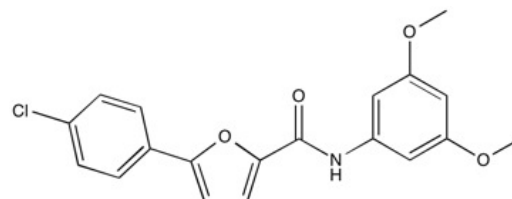
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 15 mg/ml) or in Ethanol (up to 2 mg/ml).

**Storage:** RT

**Stability:** ≥ 1 year.



### Applications

Sodium NaV1.8 channel blocker

### Functions

Potent, selective inhibitor of the TTX-resistant voltage-gated sodium channel Nav1.8. Nav1.8 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 Nav1.8 are 140 nM and 8.0 nM respectively.

### Application Procedures

First dissolved in DMSO (up to 15 mg/ml) or in Ethanol (up to 2 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

**For research use only.**