

# Tonabersat

**Catalog No: tcsc0676**



## Available Sizes

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**Size:** 5mg

**Size:** 10mg

**Size:** 50mg



## Specifications

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**CAS No:**

175013-84-0

**Formula:**

$C_{20}H_{19}ClFNO_4$

**Pathway:**

Cytoskeleton

**Target:**

Gap Junction Protein

**Purity / Grade:**

>98%

**Solubility:**

H<sub>2</sub>O :

**Alternative Names:**

SB-220453

**Observed Molecular Weight:**

391.82

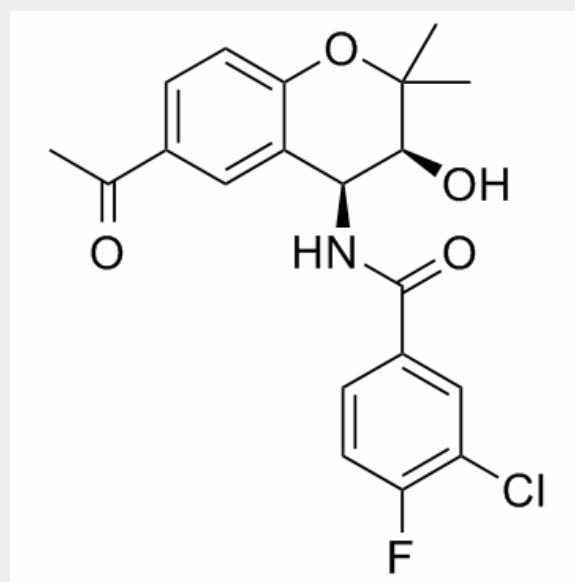
## Product Description

Tonabersat is a **gap-junction** modulator.

IC50 & Target: Gap-junction<sup>[1]</sup>

**In Vitro:** Tonabersat, a novel benzopyran derivative, inhibits cortical spreading depression (CSD) and therefore might be able to inhibit the early migraine mechanisms<sup>[1]</sup>.

**In Vivo:** Treatment with either Tonabersat (10 mg/kg) or Meclofenamate (20 mg/kg) as single agents significantly inhibit progression of metastatic lesions. Addition of carboplatin to either agent profoundly inhibits brain metastasis<sup>[2]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!