

Product Information

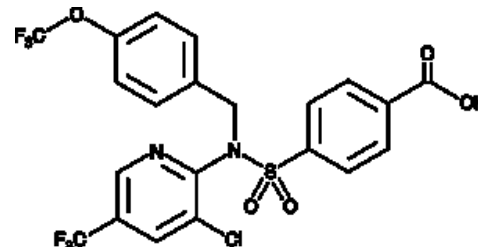


RQ-00203078

Cat No: 19075 - 1 mg

General Data

Shipping:	dry ice
Formulation:	A crystalline solid
Purity:	≥98%



Product Overview

RQ-00203078 is a selective antagonist of transient receptor potential melastatin 8 (TRPM8; IC₅₀s = 8.3 and 5.8 nM in human and rat, respectively), while having little inhibitory action against TRPV1 (IC₅₀ > 30 μM), TRPA1 (IC₅₀ > 10 μM), TRPV4 (IC₅₀ = 10 μM), or TRPM2 channels (IC₅₀ > 10 μM).{31190} It attenuates icilin-induced wet-dog shakes in rats (ED₅₀ = 0.65 mg/kg) after oral administration.{31190} RQ-00203078 has been shown to reduce HSC3 and HSC4 oral squamous carcinoma cell migration and invasion in vitro.{31191} TRPM8, a member of the TRP melastatin subgroup, plays a role in cold hyperalgesia and cold allodynia caused by disease conditions such as chemotherapy-induced peripheral neuropathy, diabetic neuropathy, migraine, and overactive bladder. It is also known to be involved in the tumor progression of certain carcinomas.

FP/03/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

Bertin Bioreagent does not make any other warranty or representation whatsoever whether expressed or implied, with respect to these products. In no event will Bertin Bioreagent be liable for incidental, consequential or punitive damages.

Contact Bertin Bioreagent

Parc d'Activités du Pas du Lac
10 bis avenue Ampère
78180 Montigny le Bretonneux - France
Tel.: +33 (0)139 306 036

<https://www.bertin-bioreagent.com/pa206/contact-us>
<https://www.bertin-bioreagent.com>