
Product Data Sheet

Product Name: NS 383
Cat. No.: GC50678

Chemical Properties

Cas. No. 309711-59-9

SMILES CCN1CCC2=C(C3=C(/C(C(N3)=O)=N\O)C=C2C4=CC=CC=C4)C1

Formula $C_{19}H_{19}N_3O_2$ M.Wt 321.37

Solubility DMSO|1.61|5| Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

ASIC blocker (IC₅₀ values are 0.44, 2.1 μM and no effect at rat ASIC1a, ASIC3 and ASIC2a, respectively; IC₅₀ value = 0.12 μM at human ASIC1a with no effect at ASIC2a or ASIC3). Inhibition was also observed at heteromeric ASIC channels (IC₅₀ values are 0.79, 0.87 and 4.5 μM at rat ASIC1a+3, ASIC1a+2a and ASIC2a+3; IC₅₀ values are 0.33 and 0.69 μM at human ASIC1a+2a and ASIC1a+3, with no effect at ASIC2a+3). Attenuates pathophysiological nociceptive behaviors in CFA-inflamed and CCI rats.

Caution: Product has not been fully validated for medical applications. For research use only.

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