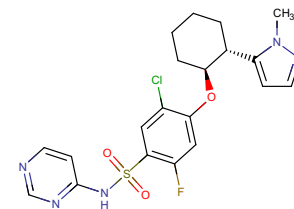


Catalog Number: CM06483

产品信息

Catalog Number:
CM06483CAS号:
1450595-86-4分子式:
 $C_{20}H_{21}ClFN_5O_3S$ 主要靶点:
Sodium Channel主要通路:
离子通道分子量:
465.93溶解度:
DMSO:100 mg/mL (214.62 mM)

靶点活性

hNav1.7:22.8 nM|mNav1.7:59.4 nM

体外活性

DS-1971a showed high NaV1.7 inhibitory potency in vitro. The IC₅₀ values are of 22.8 nM for hNav1.7 and 59.4 nM for mNav1.7[1].

体内活性

DS-1971a (0.1-1 mg/kg; p.o.) shows mitigated thermal hyperalgesia in a dose-dependent manner in partial sciatic nerve ligation (PSL) mice with ED₅₀ of 0.32 mg/kg[1].

描述

DS-1971a is a highly potent and selective NaV1.7 inhibitor. DS-1971a exhibits a favorable toxicological profile and analgesic effects.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years