

Product Data Sheet

Product Name: SWE101
Cat. No.: GC61309

Chemical Properties

Cas. No. 2376322-12-0

SMILES O=C(O)CCCC1=NC(C2=CC=C(Cl)C(Cl)=C2)=C(C3=CC=CC=C3)O1

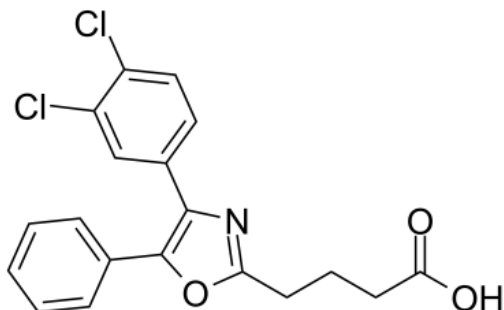
Formula $C_{19}H_{15}Cl_2NO_3$ M.Wt 376.23

Solubility DMSO : 100 mg/mL (265.79 mM; Need ultrasonic) 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

SWE101 (compound 22 b) is a potent soluble epoxide hydrolase (sEH)-P inhibitor with IC₅₀s of 4 μM and 2.8 μM for human and rat sEH-P, respectively. SWE101 does not inhibit neither hydrolase nor phosphatase activity of the mouse sEH[1].

[1]. Kramer JS, et al. Discovery of first in vivo active inhibitors of soluble epoxide hydrolase (sEH) phosphatase domain. J Med Chem. 2019 Aug 22.

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

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