

Product Data Sheet

Product Name: D-3263 hydrochloride

Cat. No.: GC32961

Chemical Properties

Cas. No. 1008763-54-9

SMILES [H]Cl.O=C1N(CCN)C2=CC(OC)=CC=C2N1C([C@H]3[C@H](C(C)C)CC[C@@H](C)C3)=O

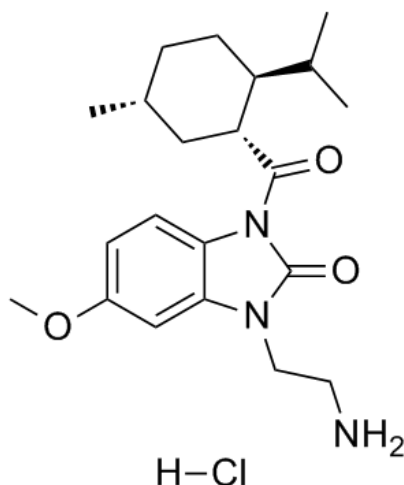
Formula $C_{21}H_{32}ClN_3O_3$ M.Wt 409.95

Solubility DMSO : ≥ 40 mg/mL (97.57 mM) 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

D-3263 hydrochloride is an enteric-coated, orally bioavailable (transient receptor potential melastatin member 8) TRPM8 agonist.

D-3263 hydrochloride binds to and activates TRPM8, which may result in an increase in calcium and sodium entry; the disruption of calcium and sodium homeostasis; and the induction of cell death in TRPM8-expressing tumor cells. D-3263 hydrochloride may decrease dihydrotestosterone (DHT)

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

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levels, which may contribute to its inhibitory effects on prostate cancer and BPH[1].

[1]. enteric-coated TRPM8 agonist D-3263 hydrochloride

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