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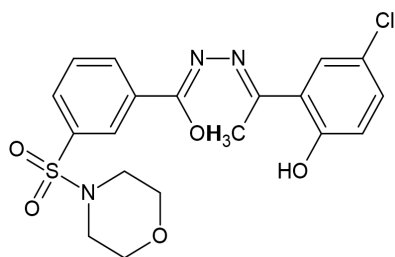
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LSD1 Inhibitor VII, SP-2509

ALTERNATE NAME: *N*-[(*E*)-1-(5-chloro-2-hydroxyphenyl)ethylideneamino]-3-morpholin-4-ylsulfonylbenzamide

CATALOG #: AUR10551

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₂₀ClN₃O₅S

MOLECULAR WEIGHT: 437.9

CAS#: 1423715-09-6

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (100 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at +2°C to +8°C; Protect from air and light

DESCRIPTION: SP-2509 is a selective histone demethylase LSD1 inhibitor with IC₅₀ of 13 nM, showing no activity against MAO-A, MAO-B, lactate dehydrogenase and glucose oxidase. SP-2509 induces apoptosis and promotes autophagy.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure