

PAT-1251, LOXL2 inhibitor

| Catalog | Unit |
|--------------|-------|
| TBI4976-5MG | 5 mg |
| TBI4976-25MG | 25 mg |

Product Details

Formal Name: (R,R)-trans-(3-((4-(Aminomethyl)-6-(trifluoromethyl)pyridine-2-yl)oxy)phenyl)(3-fluoro-4-hydroxypyrrolidin-1-yl)methanone hydrochloride

Alternate Names: Lenumlostat hydrochloride

Molecular Formula: C₁₈H₁₇F₃N₃O₃·HCl

Formula Weight: 435.8

CAS Number: 2098884-53-6

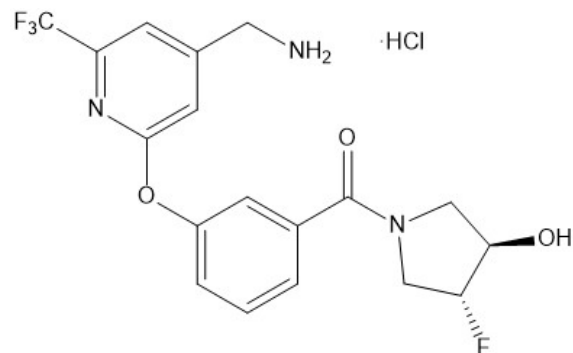
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (>50 mg/ml); or Water (>80 mg/mL)

Storage: -20°C

Stability: ≥ 2 years



Applications

LOXL2 inhibitor

Functions

Potent (IC₅₀ = 710 nM) inhibitor of LOXL2, a copper-dependent amine oxidase that deaminates lysine and hydroxylysine residues in collagen and elastin. It displayed >400-fold selectivity over LOX as well as high selectivity against the related amine oxidases SSAO, DAO, and MAO-A/B. A potential new therapeutic for the treatment of fibrotic diseases.

Application Procedures

First dissolved in Soluble in DMSO (>50 mg/ml); or Water (>80 mg/mL), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.