

Selonsertib, ASK1 inhibitor

Catalog	Unit
TBI4696-5MG	5 mg
TBI4696-25MG	25 mg

Product Details

Formal Name: 5-(4-Cyclopropylimidazol-1-yl)-2-fluoro-4-methyl-N-[6-(4-propan-2-yl)-1,2,4-triazol-3-yl]pyridine-2-yl]benzamide

Alternate Names: GS-4997

Molecular Formula: C₂₄H₂₄FN₇O

Formula Weight: 445.50

CAS Number: 1448428-04-3

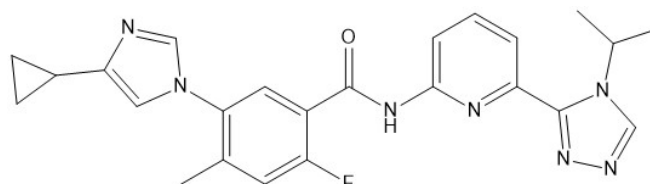
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to at least 25 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

ASK1 inhibitor

Functions

Potent Apoptosis signal-regulating kinase 1 (ASK1) inhibitor (pIC₅₀ = 8.3) found to improve metabolic parameters in nonalcoholic steatohepatitis, reduce hepatic steatosis, inflammation, and fibrosis. Selonsertib suppressed the efflux function of multidrug resistance (MDR) transporters ABCB1 and ABCG2.

Application Procedures

First dissolved in DMSO (up to at least 25 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.