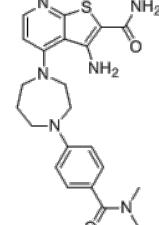

Product Name : SNX631
Cat. No. : PC-49204
CAS No. : 868066-26-6
Batch No. : PC-4920401
Chemical Name : 3-amino-4-(4-(dimethylcarbamoyl)phenyl)-1,4-diazepan-1-yl)thieno[2,3-b]pyridine-2-carboxamide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight : 438.550
Molecular Formula : C₂₂H₂₆N₆O₂S
Storage : Powder -20°C 12 Months
In solvent 4°C 6 Months
-80°C 6 Months
-20°C 6 Months

Chemical Structure :



The chemical structure of SNX631 is a complex molecule. It features a thieno[2,3-b]pyridine core. Attached to the 3-position is an amino group (NH₂). Attached to the 4-position is a 4-(dimethylcarbamoyl)phenyl group, represented as a benzene ring with a -CON(N₂)₂ group. Attached to the 1-position is a 1,4-diazepan-1-yl group, which consists of a seven-membered diazepane ring fused to a four-membered pyridine ring. The diazepane ring has an amino group (NH₂) at the 4-position and is attached to a piperazine ring at the 1-position. The piperazine ring is further attached to the thieno[2,3-b]pyridine core at the 4-position.

ANALYTICAL DATA

Appearance : Solid powder
¹H NMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with
Purity (HPLC and/or LCMS) : >98%
Conclusion : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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