
Catalog	Unit
TBI4870-5MG	5 mg
TBI4870-25MG	25 mg

Product Details

Formal Name: 6,7-Dimethoxy-2-(pyrrolidin-1-yl)-N-(5-(pyrrolidin-1-yl)-pentyl)quinazolin-4-amine

Molecular Formula: C₂₃H₃₅N₅O₂

Formula Weight: 413.56

CAS Number: 1620401-82-2

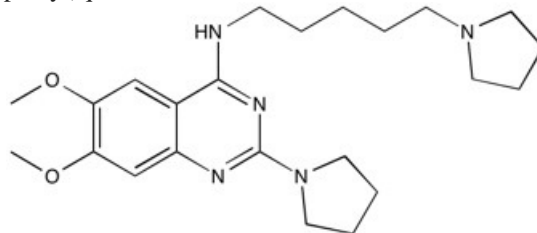
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 30 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

SETD8 inhibitor

Functions

UNC0379 is an inhibitor of the lysine methyltransferase SETD8 with selectivity over 15 other methyltransferases. IC₅₀'s = 7.3 μM in a radioactive methyl transfer assay and 9.0 μM in an MCE assay. UNC0379 treatment of SY5Y and NGP neuroblastoma cell lines lead to activation of p53 and decreased tumor growth in an ex-vivo tumorigenicity assay.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.