

Product Data Sheet

Product Name: TX1-85-1

Cat. No.: GC34847

Chemical Properties

Cas. No. 1603845-32-4

SMILES CC(N1CCN(C2CCC(N3N=C(C4=CC(NC(C=C)=O)=C(OC5=CC=CC=C5)C=C4)C6=C3N=CN=C6N)CC2)CC1)=O

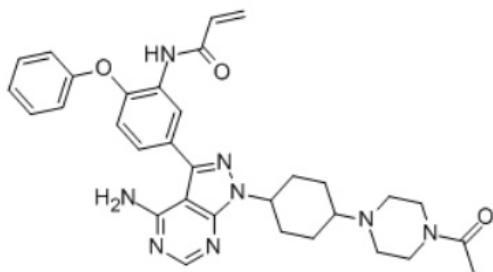
Formula $C_{32}H_{36}N_8O_3$ M.Wt 580.68

Solubility DMSO: 3.85 mg/mL (6.63 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Caution: Product has not been fully validated for medical applications. For research use only.

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Background

TX1-85-1 is a Her3 (ErbB3) inhibitor with an IC₅₀ of 23 nM. TX1-85-1 induces partial degradation of Her3 protein and attenuates Her3-dependent signaling[1]. ErbB3|23 nM (IC₅₀)

[1]. Xie T, et al. Pharmacological targeting of the pseudokinase Her3. Nat Chem Biol. 2014 Dec;10(12):1006-12.

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