

PRODUCT: TX1-85-1

ALTERNATE NAME: N-(5-(1-(4-(4-Acetylpiperazin-1-yl)cyclohexyl)-4-amino-1H-pyrazolo[3,4-d]pyrimidin-3-yl)-2-phenoxyphenyl)acrylamide

CATALOG #: B1313-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₃₂H₃₆N₆O₃

MOLECULAR WEIGHT: 580.69

CAS NUMBER: 1603845-32-4

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light.

DESCRIPTION: TX1-85-1 is the first selective Her3 (ErbB3) ligand. TX1-85-1 forms a covalent bond with Cys721 located in the ATP-binding site of Her3.

REFERENCES: Lim, S.M., *et al.* (2015). *Bioorg. Med. Chem. Lett.* **25**, 3382-3389; Xie, T., *et al.* (2014). *Nat. Chem. Biol.* **10**, 1006-10112.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Human CellExp™ ErbB3/HER3, human recombinant (**7400**)

BMS-599626 (**1614**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**