

Product Name: TP 238

Catalog No.: 6670

Batch No.: 1

CAS Number: 2415263-05-5

IUPAC Name: *N*-[(3-(1*H*)-Pyrazol-1-yl)propyl]-6-(4-(3-(dimethylamino)propoxy)phenyl)-2-(methylsulfonyl)pyrimidin-4-amine hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₂H₃₀N₆O₃S.HCl

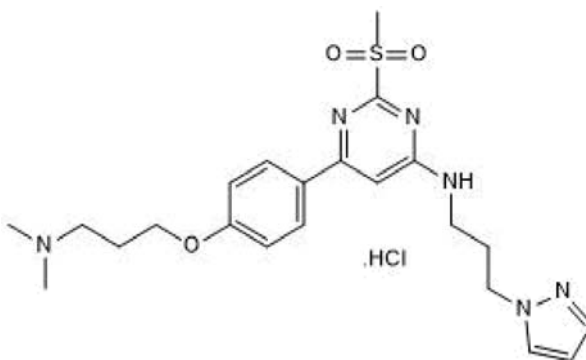
Batch Molecular Weight: 495.04

Physical Appearance: White solid

Solubility: DMSO to 100 mM
water to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.0% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen	Chlorine
Theoretical	53.38	6.31	16.98	7.16
Found	52.72	6.39	16.94	7.58

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Description:

TP 238 is a cat eye syndrome chromosome region, candidate 2 (CECR2) and bromodomain PHD finger transcription factor (BPTF/FALZ) inhibitor (IC₅₀ values are 10-30 and 100-350 nM, respectively). A concentration of no more than 2 μM is recommended for use in cellular assays.

Physical and Chemical Properties:

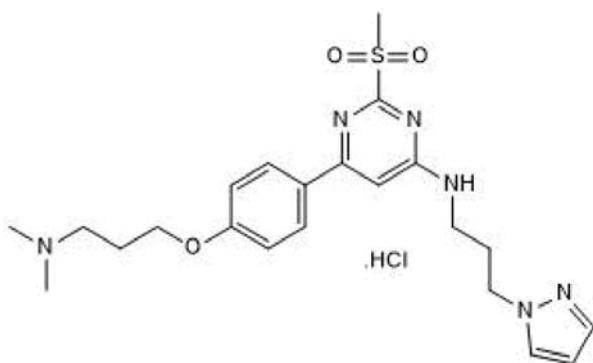
Batch Molecular Formula: C₂₂H₃₀N₆O₃S.HCl

Batch Molecular Weight: 495.04

Physical Appearance: White solid

Minimum Purity: ≥98%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

water to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

Licensing Information:

This probe is supplied in conjunction with the Structural Genomics Consortium. For further characterization details, please visit the TP 238 probe summary on the SGC website.

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