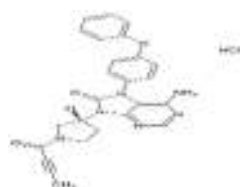


Tirabrutinib hydrochloride

ALTERNATE NAME: GS-4059
ONO-4059
(R)-6-amino-9-(1-(but-2-ynoyl)pyrrolidin-3-yl)-7-(4-phenoxyphenyl)-7,9-dihydro-8H-purin-8-one
hydrochloride
ONO4059 HCl
GS 4059
ONO-WG-307
GS4059

CATALOG #: B2556-5 5 mg
B2556-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₅H₂₃ClN₆O₃

MOLECULAR WEIGHT: 490.95

CAS NUMBER: 1439901-97-9

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: DMSO

DESCRIPTION: Tirabrutinib (ONO-4059) hydrochloride is a potent and selective BTK (Bruton's Tyrosine Kinase) inhibitor (IC₅₀ = 2.2 nM). Tirabrutinib binds to BTK within B cells, thereby preventing B-cell receptor signaling and impeding B-cell development.

STORAGE TEMPERATURE: -20°C. Protect from moisture

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

RELATED PRODUCTS:

TP-0903 (9590)
BTK Inhibitor, CNX-774 (2600)
BTK Inhibitor II (B2453)
ONO-4059 (B1283)
BTK Inhibitor, PCI-32765 (2298)
Zanubrutinib (B2512)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*