

Product Name	: Fedratinib hydrochloride hydrate
Synonyms	: TG-101348 hydrochloride hydrate; SAR 302503 hydrochloride hydrate
Cat No.	: M23532
CAS Number	: 1374744-69-0
Molecular Formula	: C ₂₇ H ₄₀ Cl ₂ N ₆ O ₄ S
Formula Weight	: 615.6
Chemical Name	: —
Description	: Fedratinib hydrochloride hydrate is a potent, selective, ATP-competitive and orally active JAK2 inhibitor.
Pathway	: Angiogenesis
Target	: JAK
Receptor	: JAK2; JAK2 (V617F)
Solubility	: DMSO: 120 mg/mL (194.92 mM; Need ultrasonic); H ₂ O: 97 mg/mL (157.56 mM; Need ultrasonic)
SMILES	: <chem>O=S(C1=CC=CC(NC2=NC(NC3=CC=C(OCCN4CCCC4)C=C3)=NC=C2C)=C1)(NC(C)(C)C)=O.[H]Cl.[H]Cl.[H]O[H]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Wernig G, et al. Efficacy of TG101348, a selective JAK2 inhibitor, in treatment of a murine model of JAK2V617F-induced polycythemia vera. Cancer Cell. 2008 Apr;13(4):311-20.