

Product Name	: Lerociclib dihydrochloride
Synonyms	: G1T38 dihydrochloride
Cat No.	: M23948
CAS Number	: 2097938-59-3
Molecular Formula	: C ₂₆ H ₃₆ Cl ₂ N ₈ O
Formula Weight	: 547.5
Chemical Name	: —
Description	: Lerociclib dihydrochloride is a potent and selective inhibitor of CDK4/CDK6, with IC ₅₀ s of 2 nM and 1 nM for CDK6/CyclinD3 and CDK4/CyclinD1, respectively.?
Pathway	: Angiogenesis
Target	: CDK
Receptor	: Cdk4/cyclin D1;cdk6/cyclin D3;CDK9/Cyclin T;CDK5/p35;Cdk5/p25;cdk2/cyclin A;CDK2/cyclinE;CDK1/cyclinB1;CDK7/Cyclin H/MAT1
Solubility	: H ₂ O:4 mg/mL (7.31 mM; Need ultrasonic)
SMILES	: CC(C)N1CCN(CC1)C2=CN=C(C=C2)NC3=NC=C4C=C5C(=O)NCC6(N5C4=N3)CCCCC6.Cl.Cl
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Bisi JE, et al. Preclinical development of G1T38: A novel, potent and selective inhibitor of cyclin dependent kinases 4/6 for use as an oral antineoplastic in patients with CDK4/6 sensitive tumors. Oncotarget. 2017 Jun 27;8(26):42343-42358.