

**PRT-060318****SYN-1204**

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2-(((1R,2S)-2-aminocyclohexyl)amino)-4-(m-tolylamino)pyrimidine-5-carboxamide

CAS Registry No.: 1194961-19-7

Smiles String:

O=C(C1=CN=C(N[C@H]2[C@@H](N)CCCC2)N=C1NC3=CC=CC(C)=C3)N

Molecular Weight: 340.43

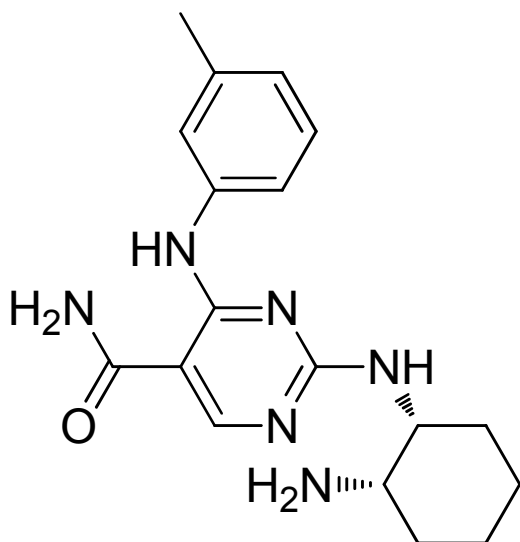
Molecular Formula: C<sub>18</sub>H<sub>24</sub>N<sub>6</sub>O

Lot Number: Refer to vial

<sup>1</sup>H-NMR: Available on request

HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request



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## Description:

PRT-060318, a novel Syk inhibitor, prevents heparin-induced thrombocytopenia and thrombosis in a transgenic mouse model.

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## Biological Activity

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## Kinome Mapping

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## Shipping and Storage Temperature

### Shipping:

Ambient

### Storage:

2 years -20C, Powder 1 month, -4C in DMSO, More than one month -80C in DMSO

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## Solubility

Soluble in DMSO

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## Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.3404	3.4043	6.8086	17.0215

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## References

1. Hoellenriegel J, Coffey GP, Sinha U, Pandey A, Sivina M, Ferrajoli A, Ravandi F, Wierda WG, O'Brien S, Keating MJ, Burger JA. Selective, novel spleen tyrosine kinase (Syk) inhibitors suppress chronic lymphocytic leukemia B-cell activation and migration. *Leukemia*. 2012 Jul;26(7):1576-83. doi: 10.1038/leu.2012.24. Epub 2012 Feb 7. PubMed PMID: 22362000.

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## Ordering Information

To order more of this or any other SYNkinase compound, go to [synkinase.com](http://synkinase.com), Call us Toll Free (US Only) at 1- 877-854-6273 or email [orders@synkinase.com](mailto:orders@synkinase.com).

Product Datasheet (Rev. 1.1)