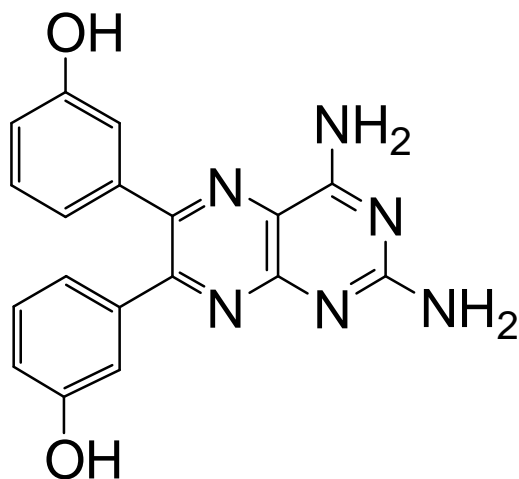


**TG100115**

**SYN-1105**



6,7-Bis(3-hydroxyphenyl)pteridine-2,4-diamine

CAS Registry No.: 677297-51-7

Smiles String:

C1=CC(=CC(=C1)O)C2=NC3=C(N=C(N=C3N=C2C4=CC(=CC=C4)O)N)N

Molecular Weight: 346.34

Molecular Formula: C<sub>18</sub>H<sub>14</sub>N<sub>6</sub>O<sub>2</sub>

Lot Number: Refer to vial

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

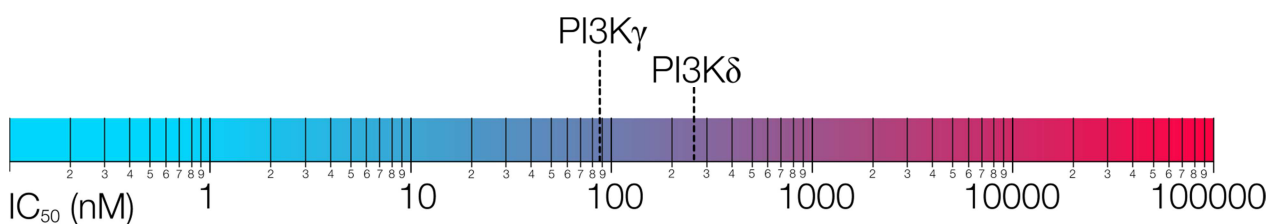
HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

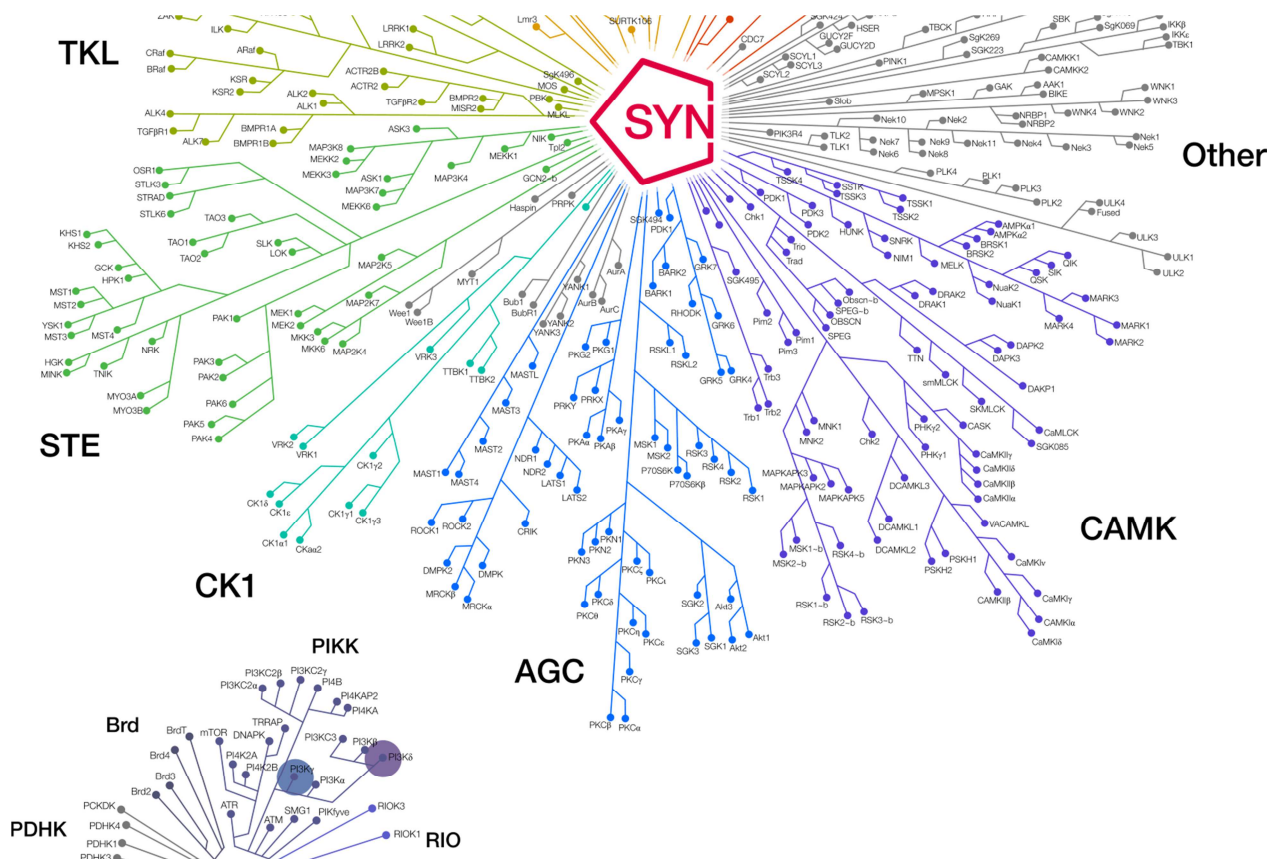
## Description:

TG100115 inhibits PI3K $\gamma$  and  $\delta$ , with IC<sub>50</sub> values of 83 and 235 nM, respectively.

## Biological Activity



# Kinome Mapping



## Shipping and Storage Temperature

### Shipping:

Ambient

### Storage:

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

## Solubility

DMSO 9mg/mL, Ethanol <1mg/mL

## Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.3463	3.4634	6.9268	17.3170

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## References

1. Liu Y, Xiong L, Chang Y, Tang J, Ang W, Yang T, Pi W, Yang X, Ye W, Luo Y, Wang Z. Phosphoinositide 3-kinase  $\delta/\gamma$  inhibition does not prevent concanavalin A-induced hepatitis. Mol Med Rep. 2013 Nov;8(5):1305-10. doi: 10.3892/mmr.2013.1649. Epub 2013 Aug 22.

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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)