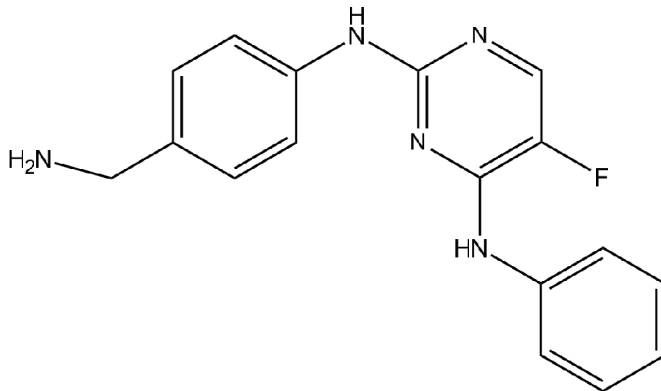


# Dianilinopyrimidine\_01

SYN-1037



N2-(4-(aminomethyl)phenyl)-5-fluoro-N4-phenylpyrimidine-2,4-diamine

CAS Registry No.: 916603-07-1

**Smiles String:**

NCC1=CC=C(NC2=NC(NC3=CC=CC=C3)=C(F)C=N2)C=C1

Molecular Weight: 309.34

Molecular Formula: C<sub>17</sub>H<sub>16</sub>FN<sub>5</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

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## Description:

Dianilinopyrimidine\_01 (CZC8004) is a pan tyrosine kinase inhibitor.

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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

DMSO 6.19 mg/mL

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## Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.309	3.093	6.187	15.467

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## References

1. Bantscheff, Marcus, et al. "Quantitative chemical proteomics reveals mechanisms of action of clinical ABL kinase inhibitors." *Nature biotechnology* 25.9 (2007): 1035-1044.

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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)