



## CERTIFICATE OF ANALYSIS

<b>PRODUCT:</b>	<b>CDK1/2 Inhibitor III</b> [5-Amino-3-((4-(aminosulfonyl)phenyl)amino)-N-(2,6-difluorophenyl)-1H-1,2,4-triazole-1-carbothioamide], C <sub>15</sub> H <sub>13</sub> F <sub>2</sub> N <sub>7</sub> O <sub>2</sub> S <sub>2</sub> , M.W. 425.4, CAS# [443798-55-8]
<b>PRODUCT NUMBER:</b>	C-1447
<b>LOT NUMBER:</b>	B1195
<b>APPEARANCE:</b>	White to off-white solid
<b>SOLUBILITY:</b>	Soluble in DMSO (10 mg/ml), tetrahydrofuran or acetone.
<b>PURITY (HPLC):</b>	≥ 95%
<b>IDENTITY:</b>	Identity determined by NMR
<b>PRODUCT DESCRIPTION:</b>	Cell permeable triazolo-diamine compound that displays anti-proliferative properties in various human cancer cells (IC <sub>50</sub> = 20nM, 35nM and 92nM in HCT-116, HeLa, and A375 cells). Acts as a highly potent, ATP-competitive inhibitor of CDK1/cyclin B and CDK2/cyclin A (IC <sub>50</sub> = 600pM and 500pM) with selectivity over VEGF-R2 and GSK-3β (IC <sub>50</sub> = 32nM and 140nM).
<b>STORAGE &amp; HANDLING:</b>	Store at -20°C. Stock solutions are stable for up to 6 months when stored at -20°C. <b>PROTECT FROM LIGHT! <u>WARNING:</u> HARMFUL!</b>

# A.G. Scientific, Inc.

6450 Lusk Blvd. Suite E102

SAN DIEGO, CA  
92121



---

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KT

A.G. Scientific, Inc, AN ISO 9001:2000 COMPANY  
PHONE: (858) 452-9925, Toll FREE: (877) 452-9925, FAX: (858) 452-9926  
EMAIL: [info@agscientific.com](mailto:info@agscientific.com), WEB SITE: [www.agscientific.com](http://www.agscientific.com)