



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-496891
Lot Number: SAMPLE
Product Name: N-[4-[1-(2-Fluorobenzyl)-3-butyl-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-8-ylmethyl]phenyl]acetamide
CAS Number: 628279-07-2
Molecular Formula: $C_{25}H_{26}FN_5O_3$
Molecular Weight: 463.50

Test	Specification	Result
Appearance		White solid
Identification (1H-NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Identification (TLC)		Rf= 0.68
Purity		98.9%
Melting Point		261.1 - 262.2 °C
Solubility		Insoluble in water Insoluble in 0.1N NaOH (aq) 44.0 mg/ml in DMSO
Carbon Content	64.78%	64.66%
Hydrogen Content	5.65%	5.57%
Nitrogen Content	15.10%	15.16%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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