

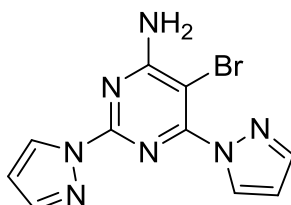


Northeast Business Center

7301 E. 90th Street, Suite 117, Indianapolis, IN 46256, USA

Phone: 317.598.0828 Fax: 317.598.0835 www.chemietek.com

Certificate of Analysis



Product Name:	PBF-509
Synonym	Taminadenant, NIR178
CAS No:	1337962-47-6
Prod. No:	CT-PBF509
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	C ₁₀ H ₈ BrN ₇ ·0.1H ₂ O 307.9
Solubility	Soluble in DMSO (30.8mg/ml, 100 mM) at 50 °C
Storage	Store at 0 °C (short term), - 20 °C (long term), desiccated

Appearance	White powder
Quality Control	¹ HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] C ₁₀ H ₈ BrN ₇ ·0.1H ₂ O Calculated: C: 39.01%; H: 2.68%; N: 31.84% Found: C: 38.87%; H: 2.54%; N: 31.40%
Chemical Purity	99.5% (HPLC at 214 nm) 99.5% (HPLC at 254 nm)