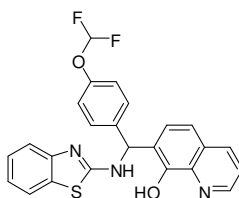




## Certificate of Analysis

**Axon Catalogue ID:** 4061 **Batch Number:** 2  
**Product Name:** KIN1400  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 7-((Benzo[d]thiazol-2-ylamino)(4-(difluoromethoxy)phenyl)methyl)quinolin-8-ol

**Structure:**



**Amount:**

**CAS number(s):** 446826-86-4  
**Molecular Formula:** C<sub>24</sub>H<sub>17</sub>F<sub>2</sub>N<sub>3</sub>O<sub>2</sub>S **Molecular Weight:** 449.47  
**Batch Molecular Formula:** C<sub>24</sub>H<sub>17</sub>F<sub>2</sub>N<sub>3</sub>O<sub>2</sub>S **Batch Molecular Weight:** 449.47  
**Appearance:** Pale-brown solid **Observed mp:** 101.5 - 103.0 °C  
**TLC (R<sub>f</sub>):** 0.2 DCM/MeOH/NH<sub>3</sub> (99:1:0.1)  
**Chemical Purity:** 99.2%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 64.13, H 3.81, N 9.35; Found: C 63.84, H 3.83, N 9.33  
**Storage Conditions:** Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	0.0	0.0	Insoluble
DMSO	44.9	>100 mM	
EtOH	44.9	>100 mM	

**Remarks:**

**QC Date:** 12-2-2024

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to [info@axonmedchem.com](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**