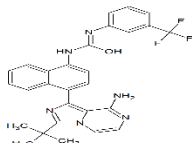


# KIRA6

**ALTERNATE NAME:** KIRA-6  
KIRA6  
1-(4-(8-Amino-3-tert-butylimidazo[1,5-a]pyrazin-1-yl)naphthalen-1-yl)-3-(3-(trifluoromethyl)phenyl)urea  
KIRA 6

**CATALOG #:** B2594-5 5 mg  
B2594-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>28</sub>H<sub>25</sub>F<sub>3</sub>N<sub>6</sub>O

**MOLECULAR WEIGHT:** 518.54

**CAS NUMBER:** 1589527-65-0

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** ~20 mg/ml DMSO

**DESCRIPTION:** KIRA-6 is an ATP-competitive IRE1α kinase inhibiting RNase attenuator (KIRA) that allosterically inhibits IRE1α RNase kinase activity (IC<sub>50</sub> = 0.6 μM) and blocks oligomerization. It has been shown to inhibit IRE1α in vivo and to promote cell survival under ER stress.

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

4μ8C (B2495)  
STF-083010 (B2528)

**DISCLAIMER:** ***FOR RESEARCH USE ONLY! Not to be used on humans.***