Inhibitors

## XT2

Cat. No.: HY-145801 2582816-37-1 CAS No .: Batch No.: 245915

**Chemical Name:**  $2\text{-}Thiazolemethanol, } \alpha\text{-}[2\text{-}[3\text{-}(2\text{-}amino\text{-}5H\text{-}pyrrolo}[3,2\text{-}d]pyrimidin\text{-}7\text{-}yl)\text{-}4\text{-}fluorophenyl}]ethynyl]\text{-}$ 

 $\alpha$ -methyl-, ( $\alpha$ R)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{19}H_{14}FN_5OS$ 

**Molecular Weight:** 379.41

Storage: Powder -20°C 3 years

> $4^{\circ}C$ 2 years

In solvent -80°C 6 months

> -20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid)

<sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

98.04% **Enantiomeric Excess:** Purity (HPLC): 99.48%

Chirality: Confirmed by Chiral intermediate

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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