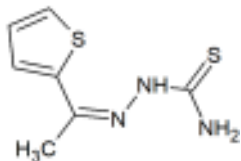


# SSAA09E1

**ALTERNATE NAME:** [(Z)-1-Thiophen-2-ylethylideneamino]thiourea

**CATALOG #:** B2722-5 5 mg  
B2725-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>7</sub>H<sub>9</sub>N<sub>3</sub>S<sub>2</sub>

**MOLECULAR WEIGHT:** 199.30

**CAS NUMBER:** 433212-75-0

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** DMSO

**DESCRIPTION:** SSAA09E1 is a novel inhibitor of SARS-CoV (Severe acute respiratory syndrome-Coronavirus) replication, acting by blocking cathepsin L, a host protease required for processing of SARS-S during viral entry.

**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:**

Z-FA-FMK (1986)  
CA-074 (B2971)  
Cathepsin B&L Inhibitor Z-Phe-Phe-FMK (1126)  
Cathepsin L Inhibitor Screening Kit (Fluorometric) (K161)

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