



MANUFACTURED BY VDM BIOCHEMICALS, INC.

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CERTIFICATE OF ANALYSIS

Product name: **JYL-1511**

Cat. number: **VD-OEIA-0040**

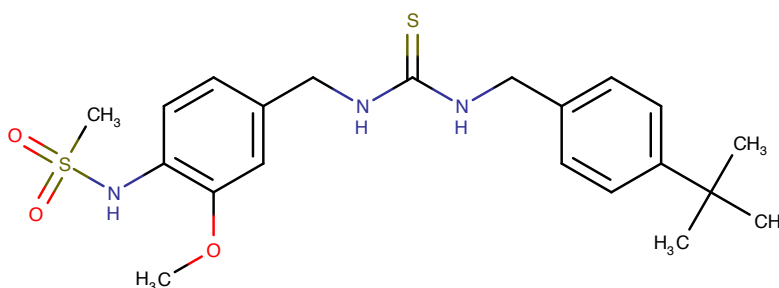
CAS Number: **623166-14-3**

Lot number: **VD17-4170760**

Personal protective equipment

■ Lab coat.

■ Safety glasses.



Product Specification

Formula: C₂₁H₂₉N₃O₃S₂

MW: 435.6

Purity: ≥98% by NMR.

Appearance: Off-white solid.

Solubility: Methanol, 100% Ethanol, DMSO or other organic solvents. Insoluble in water.

Storage: -20°C.

Synonyms: N-(4-tert-Butylbenzyl)-N'-[3-methoxy-4-(methylsulfonylamino)benzyl]thiourea

Product Description

JYL-1511 has been shown to act as a partial agonist for the transient receptor potential vanilloid-1 (TRPV1) channel. TRPV1 is a Capsaicin (sc-3577) receptor that behaves as a non-selective cation channel that is mainly found in the sensory neurons, and specifically detects painful stimuli, low pH and heat. Research indicates that the presence of Cyclosporin A increase the efficiency of JYL-1511.

Quality control department:

This material is chemically synthesized. Made in USA

TO BE USED FOR RESEARCH PURPOSES ONLY. NOT FOR DRUG OR CLINICAL USE IN HUMANS OR FOOD ADDITIVE USE