

# NU 7441: sc-208107



The Power to Question

## MATERIAL SAFETY DATA SHEET

### Section 1: Chemical Product and Company Identification

Substance Name: NU 7441  
Catalog Number: sc-208107  
Company: Santa Cruz Biotechnology, Inc.  
2145 Delaware Avenue  
Santa Cruz, California 95060  
800.457.3801 or 831.457.3800

#### **Emergency:**

ChemWatch  
Within the US & Canada: 877-715-9305  
Outside the US & Canada: +800 2436 2255  
(1-800-CHEMCALL) or call +613 9573 3112

Intended Use: This material may include synthetic intermediates, analytical samples, impurities, byproducts and early stage potential human or animal health pharmaceutical candidates

### Section 2: Composition, Information on Ingredients

Ingredient: 8-Dibenzo[*b,d*]thiophen-4-yl-2-morpholin-4-yl-4*H*-chromen-4-one  
CAS#: 503468-95-9  
%Weight: 98

### Section 3: Health Hazard Identification

Route to Exposure: Unknown  
Potential Health effects: Unknown  
Eye contact: Avoid eye contact  
Skin contact: Avoid skin contact  
Inhalation: Avoid inhaling fumes or dry powder  
Ingestion: Unknown  
Target Organs: Unknown

### Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes while keeping eyes open. COLD water may be used. Seek medical attention.  
Skin Contact: After contact with skin, wash with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. COLD water may be used. Cover the irritated skin with an emollient. Seek medical attention. Wash any contaminated clothing before reusing.  
Inhalation: Remove victim from source of exposure to fresh air. If breathing is difficult administer oxygen. Seek medical attention.  
Ingestion: Do not induce vomiting. Give water to victim to drink. Seek medical attention.

### Section 5: Fire Fighting Measures

Extinguishing media: Carbon dioxide, dry chemical powder, alcohol or polymer foam.  
Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin, eyes.  
Unsuitable Media: Unknown  
Flash Point: Unknown

### Section 6: Accidental release Measures

Personal Precaution: Use proper personal protective equipment as listed in section 8.  
Spill Cleanup Measures: Clean up spills, observing precautions in the Protective equipment section, Sweep up and place in a suitable container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pick-up.  
Environmental Measures: Do not allow material to enter drains or streams

### Section 7: Handling and Storage

Handling: Do not breath dust, Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.  
Storage: Keep tightly closed. Store in cool and dry place.  
Hygiene Practices: Wash thoroughly after handling. Avoid inhaling dust.

## **Section 8: Exposure Controls, Personal Protection**

Engineering controls:	Safety Shower and eye bath. Use only in a chemical fume hood.
Skin Protection:	Wear suitable protective clothing to prevent skin contact
Hand Protection:	Wear appropriate chemical resistance gloves
Eye/Face protection:	Wear appropriate chemical safety glasses or goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation
Respiratory Protection:	Government approved respirator

## **Section 9: Physical and Chemical Properties**

Physical State:	Solid
Color:	white
Flash Point:	Unknown
Boiling Point:	Unknown
Melting Point:	Unknown
Solubility:	MeOH, EtOAc, DMSO, DMF
Molecular Formula:	C <sub>25</sub> H <sub>19</sub> NO <sub>3</sub> S
Molecular Wt:	413.48

## **Section 10: Stability and Reactivity**

Conditions to Avoid:	Air sensitive
Incompatibility:	Reacts with acids, as a precautionary measure keep away from heat or oxidizers
Possible Decomposition:	Unknown

## **Section 11: Toxicological Information**

Eye Effect:	Unknown
Skin Effect:	Unknown
Ingestion effects:	Unknown
Inhalation effects:	Unknown

## **Section 12: Ecological Information**

Ecotoxicity:	unknown
Bioaccumulation:	Unknown
Biodegradation:	Unknown
Environmental Stability:	Unknown

## **Section 13: Disposal Considerations**

Waste Disposal:	Arrange disposal as special waste by licensed disposal company, in consultation with local waste Disposal Authority, in accordance with national and regional regulations
-----------------	---

## **Section 14: Transport Information**

DOT Hazard Class:	Unknown
DOT Identification:	Unknown

## **Section 15: Regulatory Information**

TSCA 8(b): Inventory Status:	Unknown
Risk Phrases:	Unknown
Safety Phrase:	Unknown

## **Section 16: Additional Information**

MSDS Preparation date:	01/15/2010
MSDS Revision date:	01/15/2010

***The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.***