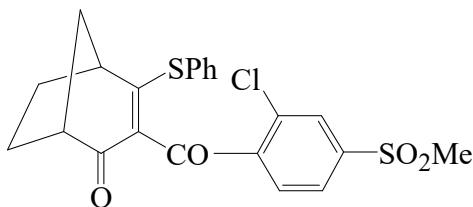




>>Entry Name: **Benzobicyclon**, BSI

Synonym(s): 3-[2-Chloro-4-(methylsulfonyl)benzoyl]-4-(phenylthio)bicyclo[3.2.1]oct-3-en-2-one, 9Cl. ShowAce. SAN 1315 H. SB 500



CAS Registry Number: 156963-66-5

Molecular Formula: C₂₂H₁₉ClO₄S₂

Molecular Weight: 446.974

Accurate Mass: 446.041327

Percentage Composition: C 59.12%; H 4.28%; Cl 7.93%; O 14.32%; S 14.35%

Biological Use/Importance: Herbicide

Physical Description: Cryst.

Melting Point: Mp 187°

Hazard & Toxicity: LD₅₀ (rat, orl) >5000 mg/kg

Other: SDS Biotech KK

References:

Japan. Pat., 1994, 06 25 144; *CA*, **121**, 133693s, (*synth, activity*)

Pesticide Manual, 12th edn., 2000, No. 70