

# Avobenzone

Catalog No: tcsc2356



## Available Sizes

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

70356-09-1

**Formula:**

$C_{20}H_{22}O_3$

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

310.39

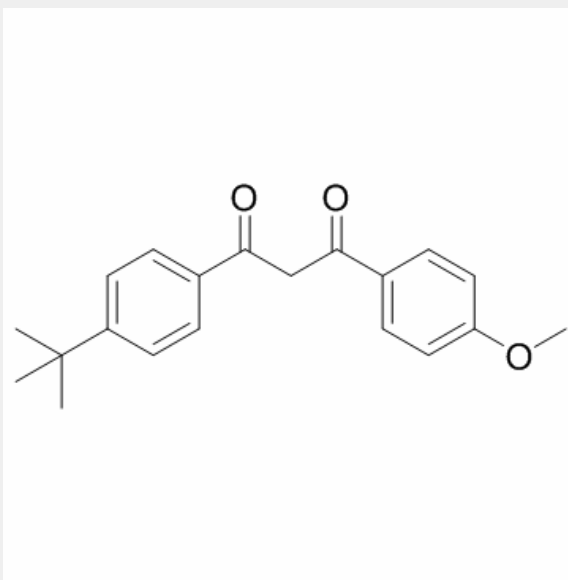
## Product Description

Avobenzone is an oil soluble ingredient used in sunscreen products to absorb the full spectrum of UVA rays and a dibenzoylmethane derivative.

Target: Others

Avobenzone is an oil soluble ingredient used in sunscreen products to absorb the full spectrum of UVA rays and a dibenzoylmethane

derivative. It can degrade faster in light in combination with mineral UV absorbers like zinc oxide and titanium dioxide, though with the right coating of the mineral particles this reaction can be reduced. A manganese doped titanium dioxide may be better than undoped titanium dioxide to improve avobenzene's stability. It reacts with minerals to form colored complexes. Manufacturers of avobenzene, like DSM recommend to include a chelator to prevent this from happening. They also recommend to avoid the inclusion of iron and ferric salts, heavy metals, formaldehyde donors and PABA and PABA esters[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!