

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

CIN: U21009KA2023PTC179006

Registered address: FFK Towers, #445, 2nd & 3rd Floor, 17th Cross Road,
Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

Email: info@scimplify.com

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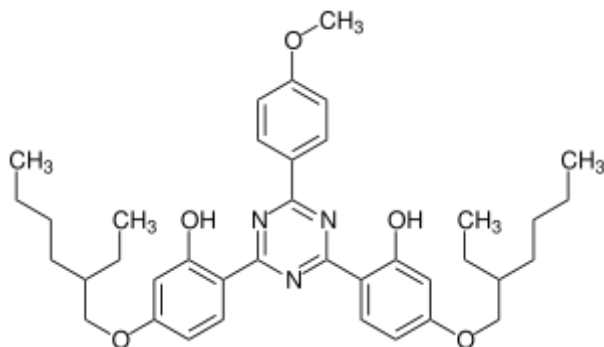
TECHNICAL DATA SHEET BEMOTRIZINOL

Product Name: Bemotrizinol

Product Code: BMT

Properties

Structure:



Chemical Name: 2,2'-[6-(4-Methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis{5-[(2-ethylhexyl)oxy]phenol}

INCI Name: Bis-ethylhexyloxyphenol methoxyphenyl triazone

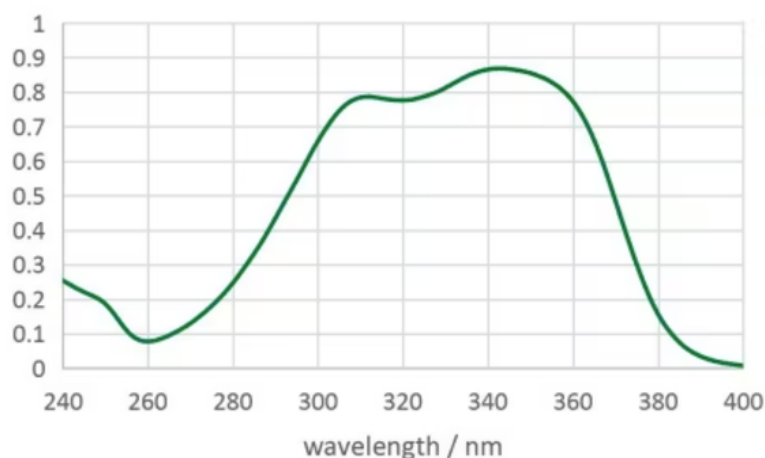
CAS No.: 187393-00-6

EINECS No.: 606-111-6

Chemical Formula: C₃₈H₄₉N₃O₅

Molecular Weight: 627.81

UV Characteristics



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Product Specifications:



Test Parameter	Specifications
Description	Cream to pale yellow color powder.
Identification by HPLC	The retention time of the major peak in the sample solution should corresponds to that of standard preparation by purity HPLC.
Moisture by KF	Not more than 0.50 % w/w
Solubility	10 gm of sample soluble in 30 gm of Alkyl benzoate.
Chromatographic Purity by HPLC Purity Mono impurity Tri impurity Unspecified impurity	 Not less than 97.5% Not more than 1.0% Not more than 1.0% Not more than 1.0%
Assay by HPLC	Not less than 98.0%

Application

UV filter and photo-stabilizer. Bemotrizinol is a chemical substance that is used in sunscreen products. It is able to absorb the full spectrum of both UVA and UVB rays. It also has the added advantage of being photostable so is often formulated with less photostable UV blockers such as avobenzene.

Packaging

25 kgs / drum

Storage

Store in a tightly closed container. Store in a cool, dry and well ventilated place.

HS Code

29145000