TECHNICAL DATA SHEET

Trade name : d-PHENOTHRIN

CHEMICAL IDENTIFICATION

Nomenclature

ISO 1750	:	Phenothrin (mixture of stereoisomers)
IUPAC	:	3-phenoxybenzyl(1R)cis,trans-2,2-dimethyl-3-(2-methylprop-1-en-1-yl)cyclopropanecarboxylate
CAS (9th CI)	:	Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propenyl)-, -(3-phenoxyphenyl) methyl ester, (1R)
Others	:	d,cis-trans chrysantemates of phenoxybenzyl alcohol

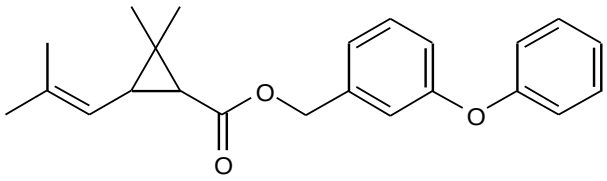
CAS number : 188023-86-1

EC number : 946-945-0

Molecular formula : $C_{23}H_{26}O_3$

Molecular weight : 350.46

Structural formula :
(unspecified stereochemistry)



PRODUCT SPECIFICATIONS

Purity (ENDQC-91 method by HRGC)	:	**92.0 % w/w min.**
Isomeric distribution		
cis/trans-chrysanthemates ratio	:	20 (±5)/80(±5)
d-chrysanthemates	:	95.0 % min.*
Acidity number (ENDQC-96 method)	:	5.0 mg KOH/g max.
Appearance (ENDQC-94 method)	:	Yellow to brown transparent viscous liquid

* Relative % of isomers

NOTE: Endura reserves the right to make amendments to the data reported in this sheet either in compliance to any official body's updating or in agreement with Internal Company decisions.
The reported information is, to the best of our knowledge, as accurate and complete as possible and is given in good faith but without warranty from our part. Any use for Registration purposes must be authorised by Endura in advance.

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ADDITIONAL INFORMATION

Odour	:	Slightly aromatic	
Relative density	:	1.06	at 20°C
Vapour pressure	:	< 3.0 x 10^{-7} hPa	at 25 °C
Solubility	:	Practically insoluble in water Soluble in most common organic solvents	
Partition coefficient (Log Pow)	:	>5.84	at 20°C