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Product Datasheet

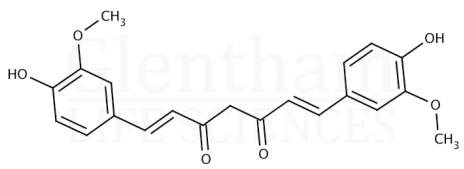
GP8291 - Curcumin

Product Details

Product Name	Curcumin
Glentham Code	GP8291
CAS Number	458-37-7
EINECS	207-280-5
Numéro MDL	MFCD00008365
PubChem SID	310270567
Related Categories	APIs, Biochemicals, Dyes & Stains, Phytochemicals

Structure

Molecular Weight	:	368.39
Molecular Formula	:	$C_{21}H_{20}O_6$



Pictograms

Glentham Product Specification

Physical Description	:	Yellow or orange powder
Solubility (1% in ethanol)	:	Clear to very slightly turbid, colourless to pale yellow-orange solution
Heavy Metals	:	≤ 10ppm
Water	:	≤ 7.0%
Curcumin	:	≥ 60.0% (HPLC)
Curcuminoid Content	:	≥ 95.0% (HPLC)
Version	:	v1.1

About Curcumin

Curcumin is a naturally occurring phenol found in turmeric and is responsible for the characteristic yellow colour of turmeric powder. It is commonly used as a spice and food colouring agent. Curcumin has been investigated for its anti-inflammatory properties and as a potential chemopreventive agent. Within a laboratory setting, curcumin can be used for boron quantification.

Storage

Recommended storage temperature: -20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Attention
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P261, P302+P352, P305+P351+P338