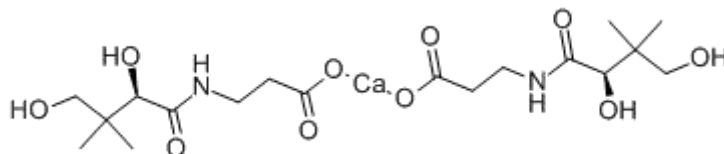


D-(+)-Pantothenic Acid Calcium Specifications & Properties

D-(+)-Pantothenic acid calcium salt Basic information

Product Name:	D-(+)-Pantothenic acid calcium
Synonyms:	(+)-PANTOTHENIC ACID CALCIUM SALT;PANTOTHENIC ACID CALCIUM SALT;(R)-(+)-N-(2,4-DIHYDROXY-3,3-DIMETHYL-1-OXOBUTYL)-L)-BETA-ALANINE HEMICALCIUM SALT;VITAMIN B5;VITAMIN B3/B5;(theta)-;beta-alanine,n-(2,4-dihydroxy-3,3-dimethyl-1-oxobutyl)-,calcium salt(2:1);,N-(2,4-dihydroxy-3,3-dimethyl-1-oxobutyl)-,calciumsalt(2:1),(R)-.beta.-Alanine
CAS:	137-08-6
MF:	C18H32CaN2O10
MW:	476.53
EINECS:	205-278-9



D-(+)-Pantothenic acid calcium salt Chemical Properties

Melting point	190 °C
alpha	26.5 ° (c=5, in water)
refractive index	27 ° (C=5, H2O)
Fp	145 °C
storage temp.	2-8°C
solubility	H ₂ O: 50 mg/mL at 25 °C, clear, nearly colorless
form	Powder
color	White or almost white
PH	6.8-7.2 (25°C, 50mg/mL in H2O)
optical activity	[α] _D ²⁰ +27±2°, c = 5% in H ₂ O
Water Solubility	Soluble in water.
Sensitive	Hygroscopic
Merck	14,7015
BRN	3769272
Stability:	Stable, but may be moisture or air sensitive. Incompatible with strong acids, strong bases.

Please contact MainChem Co, Ltd. for any questions regarding D-(+)-Pantothenic Acid Calcium.

We would be happy to provide a quote, a sample, or further information regarding its.

Please Contact us by sale@mainchem.com.