

Theobromine

Cat. No. EXT-111

Lot. No. (See product label)

Product Name

Theobromine

Product Overview

The product belongs to plant extract.

Form

Brown powder

Molecular Mass

180.16

Solubility

The solubility in water is about 0.05%, in hot water about 0.66%, in 95% ethanol, about 0.045%, soluble in alkali solution and concentrated acid.

Applications

Biochemical research, drug synthesis intermediates. Theobromine has the effects of diuresis, cardiac stimulation, vasodilation, smooth muscle relaxation and so on. Used as a bittering agent in food processing.

Synonyms

3,7-dihydro-3,7-dimethyl-1h-purine-6-dione; 3,7-Dimethyl-3,7-dihydro-1H-purine-2,6-dione; 3,7-dimethyl-xanthin; 6-dione,3,7-dihydro-3,7-dimethyl-1H-Purine-2; Diurobromine;Santheose; SC 15090; sc15090

Size

80 mesh

Molecular Formula

C₇H₈N₄O₂

EINECS

201-494-2

CAS

83-67-0

Content

0.2

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