

Product Data Sheet

Product Name: Leucocyanidin

Cat. No.: GC60986

Chemical Properties

Cas. No. 480-17-1

SMILES O[C@@H]1[C@@H](C2=CC=C(O)C(O)=C2)OC3=CC(O)=CC(O)=C3C1O

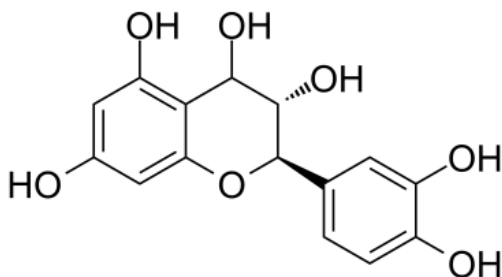
Formula $C_{15}H_{14}O_7$ M.Wt 306.27

Solubility DMSO : 100 mg/mL (326.51 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Leucocyanidin is an active anti-ulcerogenic ingredient was extracted from unripe plantain banana. Leucocyanidin demonstrates a significant protective effect against Aspirin-induced erosions in rat models[1].

Caution: Product has not been fully validated for medical applications. For research use only.

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Leucocyanidin (5 mg/day) exerts great protective effect against aspirin-induced gastric erosions in male Wistar rats of average weight 250 g (220-330 g)[1].

[1]. D A Lewis, et al. A natural flavonoid present in unripe plantain banana pulp (*Musa sapientum* L. var. *paradisiaca*) protects the gastric mucosa from aspirin-induced erosions. *J Ethnopharmacol.* 1999 Jun;65(3):283-8.

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