

Technical Data Sheet

4-Butyl Resorcinol

Product Information

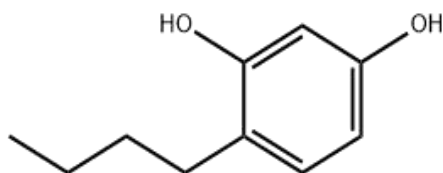
INCI: 4-butyl Resorcinol

CAS no.: 18979-61-8

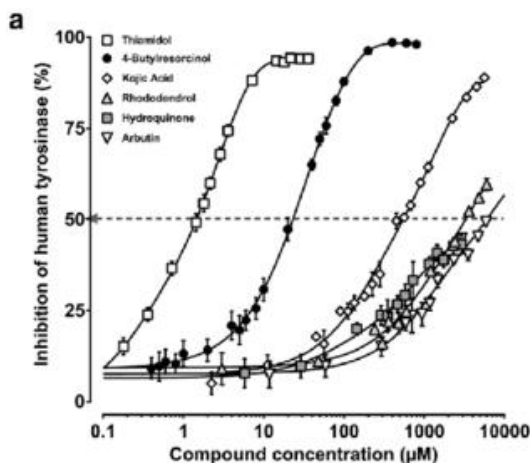
Appearance: White to off-white powder.

Purity: ≥98%

Chemical Structure:



In Vitro Efficacy Experiment



Inhibition of melanin production by Thiamidol, 4-butylresorcinol, kojic acid, rhododendrol, hydroquinone, and arbutin. (a) In vitro assays using purified hTyr in 50 mmol/L sodium phosphate buffer, pH 7.0, at a substrate (L-dopa) concentration of 1 mmol/L and various concentrations of inhibitors as noted. Data represent mean AE standard deviation of three independent experiments.

Function

Skin Whitening:

It works as a tyrosinase inhibitor, an enzyme critical in the production of melanin. By reducing melanin synthesis, it helps lighten hyperpigmented areas.

Skin Brightening:

Helps improve skin radiance and reduce dullness, promoting a more even complexion..

Treatment of Hyperpigmentation:

Used to address conditions like melasma, age spots, and post-inflammatory hyperpigmentation caused by acne or other skin injuries.

Use

Serums, creams, and lotions targeting pigmentation issues.

Packing & Storage

Standard packaging: 1kg, 5kg, 25kg/package

Shelf life: 36 months

Storage conditions: Sealed and protected from light, stored at room temperature.

Recommended Dosage

0.5-1%

Contact information

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