

Polyphenolic Natural Product Library

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Polyphenols are compounds with various potential biological properties such as antioxidants, anti-inflammatory, antineoplastic, antiaging, cardioprotective, anticancer, and antimicrobial properties. Natural polyphenols play an important role in cancer prevention and treatment by blocking cell cycle, inducing apoptosis, and inhibiting cell adhesion, migration, proliferation, and differentiation. Polyphenols are defined as compounds having at least one aromatic ring with one or more hydroxyl functional groups attached. Natural polyphenols include flavonoids, phenolic acids, lignans, tannins, stilbenes, curcumin, Coumarin, quinone, and other polyphenols. Natural Polyphenolic compound Library is a unique collection of xnum natural polyphenolic compounds, an effective tool for anti-cancer drug screening and high throughput screening (HTS) and high content screening (HCS).
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Reference

ChemRxiv. 2023.
Nature Communications. 2023, 14(1): 2756..
Blood. 2021, 137(11): 1478-1490.

Nucleic Acids Research. 2021.
Nature Communications. 2023, 14(1): 7574.
Advanced Science. 2020,

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