Epigallocatechin gallate
PRODUCT DATA SHEET

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Product Name:	Epigallocatechin gallate
Product Number:	E065
CAS Number:	989-51-5
Molecular Formula:	$C_{22}H_{18}O_{11}$
Molecular Weight:	458.4
Description:	Epigallocatechin gallate, the catechin found in green tea (*Camellia sinensis*), has been reported to have an exhaustive list of promising bioactivity. Researchers have found it to have antiparasitic activity against *Leishmania*, antiviral activity against influenza A and hepatitis B viruses, and antifungal activity against *Candida albicans*. Broad-spectrum antibiotic activity against gram-negative and gram-positive bacteria including methicillin-resistant *Staphylococcus aureus* has also been demonstrated. Lastly, epigallocatechin gallate has exhibited anti-inflammatory effects and an ability to induce apoptosis selectively to transformed cells that promises anticancer activity. Epigallocatechin gallate is soluble in water.

References:

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