

Product Datasheet

EGCG-4"-sulfate (orb1982519)

Description	EGCG-4"-sulfate, a predominant polyphenol in green tea, demonstrates notable anticancer, antioxidant, and anti-inflammatory effects, particularly against colorectal cancer, myeloid leukemia, and thyroid carcinoma [1] [2] [3] [4]. This compound not only inhibits cell proliferation and triggers cell apoptosis but also suppresses the activity of glutamate dehydrogenase 1/2 (GDH1/2, GLUD1/2), highlighting its important role in cancer prevention and treatment.
Storage	-20°C
Note	For research use only
Formula	C ₂₂ H ₁₈ O ₁₄ S
Purity	98.00%
MW	538.43
CAS Number	2708237-76-5
SMILES	<chem>O(C(=O)C1=CC(O)=C(OS(=O)(=O)O)C(O)=C1)[C@H]2[C@H](OC=3C(C2)=C(O)C=C(O)C3)C4=CC(O)=C(O)C(O)=C4</chem>
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)