

Product Name	: Cholesterol 3-Sulfate Sodium Salt
Synonyms	: Sodium Cholesteryl Sulfate
Cat No.	: M20066
CAS Number	: 2864-50-8
Molecular Formula	: C ₂₇ H ₄₅ NaO ₄ S
Formula Weight	: 488.7
Chemical Name	: —
Description	: Cholesterol sulfate is a sterol sulfate in human plasma. It is a component of cell membrane and has a regulatory function. It also activates multiple protein kinase C (PKC) iso-enzymes especially the ε η and ζ isoforms.
Pathway	: Angiogenesis
Target	: PKC
Receptor	: PKC
Solubility	: DMSO: 10 mg/mL
SMILES	: <chem>[Na+].CC(C)CCC[C@@H](C)[C@H]1CC[C@H]2[C@@H]3CC=C4C[C@H](CC[C@]4(C)[C@H]3CC[C@]12C)OS([O-])=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Strott CA et al. Cholesterol sulfate in human physiology: what's it all about J Lipid Res. 2003 Jul;44(7):1268-78.