

**Product Name:** S-Butyrylthiocholine iodide, 98%  
**Catalog Number:** A12622.06

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**CAS Number:** 1866-16-6  
**IUPAC Name:** [2-(butanoylsulfanyl)ethyl]trimethylazanium iodide  
**Molecular Formula:** C<sub>9</sub>H<sub>20</sub>INOS  
**Molecular Weight:** 317.23  
**InChI Key:** WEQAAFZDJROSBF-UHFFFAOYSA-M  
**SMILES:** [I-].CCCC(=O)SCC[N+](C)(C)C  
**Synonym:** butyrylthiocholine iodide

### Product Specification

**Appearance (Color):** White  
**Form:** Crystals or crystalline powder or powder  
**Assay (Titration ex Iodide):** ≥97.5 to ≤102.5%  
**Identification (FTIR):** Conforms  
**Water Content (Karl Fischer Titration):** <1.0%  
**Melting Point:** 172-176°C

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**Date Of Print:** 07/16/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*