Creative Enzymes®

S-Butyrylthiocholine Iodide

Cat. No. CSUB-0937

Lot. No. (See product label)

Introduction

Description	S-Butyrylthiocholine Iodide is a chromogenic substrate for AChE(cholinesterases) and BChE(cholinesterases). Cleavage is measured colorimetrically at 405 nm.
Applications	A chromogenic substrate for cholinesterases
Synonyms	(2-Mercaptoethyl)trimethylammonium Iodide, butyrate (6CI,7CI); Ammonium, (2-mercaptoethyl)trimethyl-, Iodide, butyrate (8CI); Ethanaminium, N,N,N-trimethyl-2-[(1-oxobutyl)thio]-, Iodide ; Butyric acid, thio-, S-ester with (2-mercaptoethyl)trimethylammonium Iodide; S-Butyrylthiocholine Iodide

Product Information

Form	Solid
CAS No.	1866-16-6
Molecular Formula	C9H20INOS
Molecular Weight	317.2
Purity	>97%
Melting Point	172-176 °C
Solubility	Soluble in water (50 mg/ml).
Substrates	Creatine kinase
Refractive Index	~1.63 (Predicted)

Storage and Shipping Information

Storage	Store at -20° C