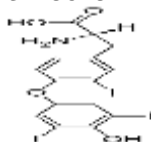


**PRODUCT: 3,3',5'-Triiodo-L-thyronine****ALTERNATE NAMES:** O-(4-Hydroxy-3-iodophenyl)-3,5-diiodo-L-tyrosine, Liothyronine, T<sub>3</sub>, Reverse T3**CATALOG NUMBER:** B2017-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>15</sub>H<sub>12</sub>I<sub>3</sub>NO<sub>4</sub>**MOLECULAR WEIGHT:** 650.97**CAS NUMBER:** 5817-39-0**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (30 mg/ml)**PURITY:** ≥95%**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** 3,3',5'-Triiodo-L-thyronine (Reverse T3), is a thyroid hormone generated by deiodination of the prohormone thyroxine. It is about 1,000-fold less active at the thyroid hormone receptors TR $\alpha$  and TR $\beta$  than 3,3',5-triiodo-L-thyronine. Reverse T3 positively regulates the hepatic FGF21 expression and stimulates the metabolic breakdown of glucose, fats, and proteins by enhancing the levels of numerous metabolic enzymes such as hexokinase, liver glucose 6-phosphatase as well as mitochondrial enzymes for oxidative phosphorylation.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Thyroxine (T4) (Mouse/Rat) ELISA Kit (**K7421**)Thyroxine (T4) (Human) ELISA Kit (**K7421**)Human Thyroid Stimulating Hormone (TSH) (**P1031**)**USAGE:** *FOR RESEARCH USE ONLY! Not to be used in humans*