

**Product Name:** 1,3-Di-n-butyl-2-thiobarbituric acid, 98%  
**Catalog Number:** B24707.01

**CAS Number:** 54443-89-9  
**IUPAC Name:** 1,3-dibutyl-2-sulfanylidene-1,3-diazinane-4,6-dione  
**Molecular Formula:** C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>O<sub>2</sub>S  
**Molecular Weight:** 256.36  
**InChI Key:** JNFBSDIDVPDZHB-UHFFFAOYSA-N  
**SMILES:** CCCCN1C(=O)CC(=O)N(CCCC)C1=S  
**Synonym:** 1,3-dibutyl-2-sulfanylidene-1,3-diazinane-4,6-dione

## Product Specification

**Appearance (Color):** Pale yellow  
**Form:** Powder  
**Assay (GC):** ≥97.5%  
**Melting Point (clear melt):** 61.0-68.0°C

**Date Of Print:** 06/05/2025

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