

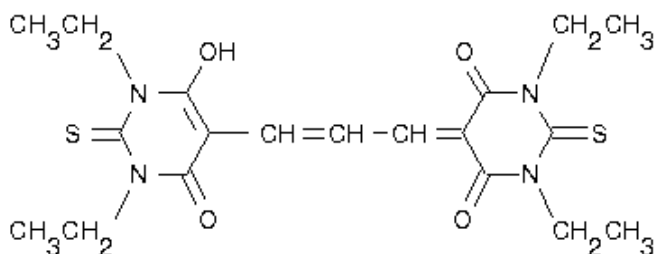
Specification Sheet

Product Name: DiSBAC2(3)
Catalog Number: DISBAC3
Storage: -20°C, desiccate, dark

Synonyms: bis-(1,3-diethylthiobarbituric acid)trimethine oxonol,

Product Number: DISBAC3
Molecular Formula: C₁₉H₂₄N₄O₄S₂
CAS No. 47623-98-3
Molecular Weight: 436.55
Soluble: DMSO
Ex/Em: 535/560

Structure:



Appearance: Purple Powder
Purity: 99.1%
Method: HPLC
Stability: 12 months
Toxicity: Non Toxic

References:

Quaranta, D. et al (2011) "Mechanisms of Contact-Mediated Killing of Yeast Cells on Dry Metallic Copper Surfaces." *Applied and Environmental Microbiology* 77(2):416-426.

Ward, M.W. et al (2007) "Mitochondrial and plasma membrane potential of cultured cerebellar neurons during glutamate-induced necrosis, apoptosis, and tolerance." *J Neurosci.* 27(31):8238-49.

Renier, M. et al (1995) "Use of a membrane potential-sensitive probe to assess biological expression of the cystic fibrosis transmembrane conductance regulator." *Hum Gene Ther.* 6(10):1275-83.