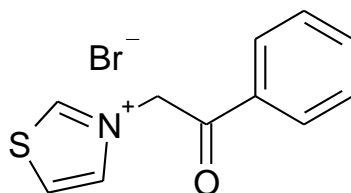


Compound Data Sheet

*Revised 8 May 2020

**Revised 31 May 2021

Structure:



Name	N-phenacylthiazolium bromide
Synonyms(s)	3-(2-oxo-2-phenylethyl)-thiazolium bromide
Epichem Item #	EPL-EG19 Batch 1
CAS #	5304-34-7
Molecular Formula	C ₁₁ H ₁₀ BrNOS
Molecular Weight	284.18 g/mol
Purity	99.8% (weight/weight)** 100% by HPLC at 249nm (assuming all components detected with the same response factor).** ¹ H NMR analysis detected trace unknown impurity. 0.2% water by Karl-Fischer method.**
Appearance	White microcrystals
Melting Point	202.8-207.7°C (decomposition)*
Storage Requirements	Protect from heat, light and moisture.
Special Precautions	This compound is for laboratory use only. Its toxicological properties may not have been fully established. It should be handled only by suitably qualified personnel.