

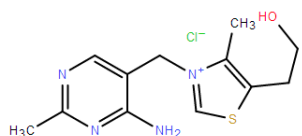
Certificate of Analysis

Target	Inhibitors & Agonists>>Others>>Other Targets
Cat.No	DCZ-120
Name	Thiamine chloride

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Chemical Properties

CAS	59-43-8
Formula	C ₁₂ H ₁₇ CLN ₄ OS
MW	300.81
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure shows a thiazolium ring system. The thiazolium ring is positively charged on the nitrogen atom (N⁺) and is linked via a methylene group (-CH₂-) to the 4-amino-2-methylpyrimidin-5-yl group. The thiazolium ring also has a methyl group (-CH₃) and a hydroxymethyl group (-CH₂OH) attached. A chloride ion (Cl⁻) is shown as the counterion. The pyrimidine ring has a methyl group (-CH₃) at the 2-position and an amino group (-NH₂) at the 4-position.</p>
Purity	>98%

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www.dcchemicals.com