

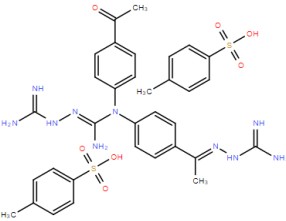
Certificate of Analysis

Target	Inhibitors & Agonists>>Cell Cycle/DNA Damage>>Checkpoint Kinase (Chk)
Cat.No	DC11713
Name	NSC-109555 ditosylate

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Chemical Properties

CAS	66748-43-4
Formula	C ₁₉ H ₂₄ N ₁₀ O ₂ C ₇ H ₈ O ₃ S
MW	752.86
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 central nitrogen atom bonded to two phenyl rings. One phenyl ring is substituted with a methyl group (H₃C) and a methyl ketone group (-C(=O)CH₃). The other phenyl ring is substituted with a methyl group (H₃C) and a methyl ketone group (-C(=O)CH₃). The central nitrogen is also bonded to two guanidino groups (-NH-C(=NH)-NH₂) and two tosylate groups (-SO₂-C₆H₄-SO₃H).</p>
Purity	>98%

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