

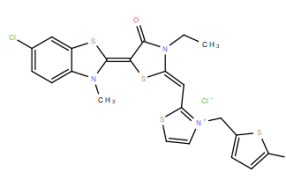
Certificate of Analysis

Target	Inhibitors & Agonists>>Proteasome/Ubiquitin>>Heat Shock Protein (HSP)
Cat.No	DC11033
Name	JG-231

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Chemical Properties

CAS	1627126-59-3
Formula	C ₂₂ H ₁₈ BRCL ₂ N ₃ O ₃ S ₄
MW	619.45
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of JG-231 is a complex heterocyclic molecule. It features a central benzothiazine ring system. One nitrogen atom is substituted with a methyl group (CH₃), and the other is substituted with a 4-chlorophenyl group. The benzothiazine ring is linked to a thiazolidine ring, which is further substituted with a methyl group (CH₃) and a 2-(5-bromothiophen-2-yl)ethyl group. A chloride ion (Cl⁻) is shown as a counterion. The structure is drawn in a 2D representation with various colors for atoms: carbon (grey), hydrogen (white), oxygen (red), nitrogen (blue), sulfur (yellow), chlorine (green), and bromine (brown).</p>
Purity	>98%

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www.dcchemicals.com