

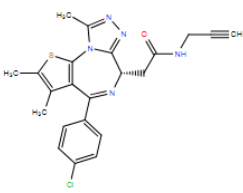
Certificate of Analysis

Target	Inhibitors & Agonists>>Epigenetics>>Bromodomain
Cat.No	DC12021
Name	(+)-JQ1 PA

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Chemical Properties

CAS	2115701-93-2
Formula	C ₂₂ H ₂₀ CLN ₅ O ₅
MW	437.95
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 The chemical structure of (+)-JQ1 PA is a complex molecule. It features a central pyrimidine ring system. One nitrogen atom of the pyrimidine is substituted with a 4-chlorophenyl group. Another nitrogen atom is substituted with a 2,6-dimethyl-4-thienyl group. The pyrimidine ring is also substituted with a 2-ethynyl-2-oxoethyl group. The ethynyl group is further substituted with a hydroxyl group.
Purity	>98%

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