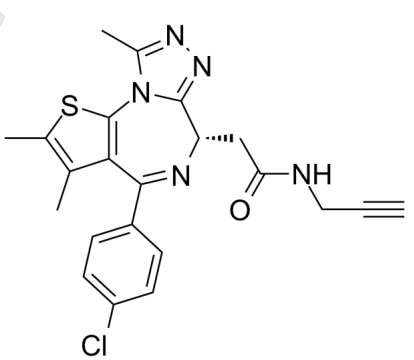


## Certificate of Analysis

Catalog Number	BP13603
Product Name	(+)-JQ1 PA

## Physical and Chemical Properties

CAS No.	2115701-93-2
Chemical Formula	C <sub>22</sub> H <sub>20</sub> ClN <sub>5</sub> OS
Molecular Weight	437.95
Solubility	Ethanol: 50 mg/mL (114.17 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	(+)-JQ1 PA is a derivative of the Bromodomain and extra-terminal (BET) inhibitor JQ1, with an IC <sub>50</sub> of 10.4 nM.
Targets&IC <sub>50</sub>	BET:10.4 nM

In vitro	(+)-JQ1 PA is a derivative of JQ1, which is the inhibitor of BET. The IC50 of (+)-JQ1 PA for BET is 10.4 nM, and the IC50 of JQ1 is 14.3 nM in MV4;11 cells.
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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