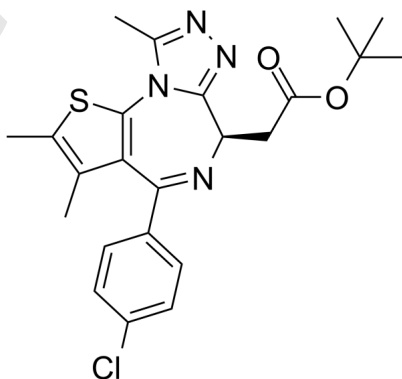


Certificate of Analysis

Catalog Number	BP13608
Product Name	(R)-(-)-JQ1 Enantiomer

Physical and Chemical Properties

CAS No.	1268524-71-5
Chemical Formula	C ₂₃ H ₂₅ ClN ₄ O ₂ S
Molecular Weight	456.99
Solubility	DMSO: 90 mg/mL (196.94 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	(R)-(-)-JQ1 Enantiomer is the stereoisomer of (+)-JQ1. (+)-JQ1 is a BET bromodomain inhibitor, acting on BRD4(1/2)(IC ₅₀ of 77 nM/33 nM in a cell-free assay)
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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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