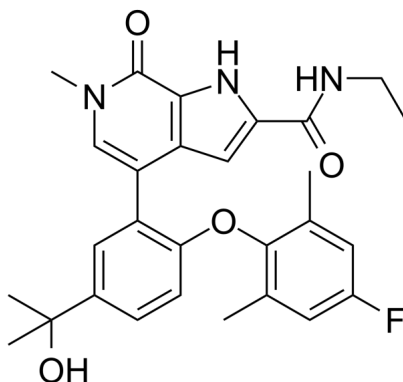


Certificate of Analysis

Catalog Number	BP13658
Product Name	ABBV-744

Physical and Chemical Properties

Synonyms	ABBV744, ABBV 744
CAS No.	2138861-99-9
Chemical Formula	C ₂₈ H ₃₀ FN ₃ O ₄
Molecular Weight	491.563
Solubility	DMSO: 10 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of ABBV-744 is a complex molecule. It features a central pyrazole ring. One side of the pyrazole is connected to a pyridine ring, which has a methyl group on the nitrogen and a tert-butyl alcohol group at the 4-position. The other side of the pyrazole is connected to a benzamide group, which has an ethyl group on the nitrogen. The benzamide group is further connected to a benzene ring that has a fluorine atom at the 3-position and is linked via an ether oxygen to another benzene ring. This second benzene ring has a methyl group at the 2-position and is connected to the pyridine ring at the 6-position.</p>

Product Information

Description	ABBV-744 is a BDII-selective BET bromodomain inhibitor that inhibits BRD2/3/4. It is used in the research on inflammatory diseases, cancer, and AIDS.
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Targets&IC50	BRD4 (BD2):3 nM (Kd), BRD4 (BD2):4 nM (IC50), BRD3 (BD2):13 nM (IC50), BRDT (BD2):18 nM (IC50), BRD2 (BD2):8 nM (IC50)
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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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