

Certificate of Analysis

Product Name:	Bedaquinoline impurity 2
Cat. No.:	CS-0011172
CAS No.:	654653-95-9
Batch No.:	Lg0413236675
Chemical Name:	(1R,2S)-1-(6-bromo-2-methoxyquinolin-3-yl)-4-(dimethylamino)-2-(naphthalen-2-yl)-1-phenylbutan-2-ol

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₃₂ H ₃₁ BrN ₂ O ₂
Molecular Weight:	555.50
Storage:	Storage temp. 2-8°C
Chemical Structure:	

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	98.81%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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