


## Certificate of Analysis

Catalog Number	BP13772
Product Name	CPI-1205

## Physical and Chemical Properties

CAS No.	1621862-70-1
Chemical Formula	C <sub>27</sub> H <sub>33</sub> F <sub>3</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight	518.581
Solubility	DMSO: 95 mg/ml(183.19 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	CPI-1205 is a highly potent and selective inhibitor of EZH2(IC <sub>50</sub> : 0.002 μM, EC <sub>50</sub> : 0.032 μM).
Targets&IC <sub>50</sub>	EZH2:0.002 μM
In vivo	CPI-1205 is a highly potent (biochemical IC <sub>50</sub> = 0.002 μM, cellular EC <sub>50</sub> = 0.032 μM) and selective inhibitor of EZH2. This compound demonstrates robust antitumor effects in a Karpas-422 xenograft model when dosed at 160 mg/kg BID.

## 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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