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Product Datasheet

EPZ004777 (hydrochloride), CAS [[1380316-03-9]]

MCE-HY-15227A

Article Name	EPZ004777 (hydrochloride), CAS [[1380316-03-9]]
Biozol Catalog Number	MCE-HY-15227A
Supplier Catalog Number	HY-15227A
Alternative Catalog Number	MCE-HY-15227A-5MG,MCE-HY-15227A-50MG,MCE-HY-15227A-25MG,MCE-HY-15227A-10MMX1ML,MCE-HY-15227A-10MG
Manufacturer	MedchemExpress
Category	Biochemikalien
Product Description	EPZ004777 hydrochloride is an effective and selective DOT1L inhibitor, with IC50 being 0.4 nM. EPZ004777 hydrochloride reduces the levels of H3K79me2 and H3K79me1, significantly down-regulating the expression of HOXA9 and MEIS1. EPZ004777 hydrochloride has been shown to inhibit the H3K79 methyltransferase activity of DOT1L in a dose-dependent manner. It has been used in various studies to investigate the role of DOT1L in cell growth, proliferation, and differentiation. EPZ004777 hydrochloride has also been used as a tool to study the function of H3K79 methylation in various biological processes, such as gene regulation and chromatin remodeling.
Molecular Weight	576.13
Purity	98.46
CAS Number	[1380316-03-9]
Formula	C28H42ClN7O4
Target	Apoptosis, Histone Methyltransferase
Application Notes	MCE Product type: Reference compound