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Product Datasheet

TETi76 ester, CAS [[1451750-73-4]] FBM-10-4041

Article Name	TETi76 ester, CAS [[1451750-73-4]]
Biozol Catalog Number	FBM-10-4041
Supplier Catalog Number	10-4041
Alternative Catalog Number	FBM-10-4041-10MG,FBM-10-4041-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	TET inhibitor...
Molecular Weight	216.23
Purity	>98% TLC, NMR (Conforms)
Form	Colorless oil
CAS Number	[1451750-73-4]
Formula	C10H16O5
Application Notes	Cell permeable inhibitor of TET dioxygenases (IC50s: TET1 = 1.5 µM, TET2 = 9.4 µM, TET3 = 8.8 µM), indirect (via cytosine hydroxymethylation) erasers of DNA methylation. ^{1,2} TET2 is frequently mutated in myeloid neoplasms - TET2 inhibition with TETi76 restricted clonal outgrowth and induced apoptosis of TET2 mutants but not normal hematopoietic precursor cells in vitro and in vivo.