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Product Datasheet

OAC2, CAS [[6019-39-2]]

FBM-10-3203

Article Name	OAC2, CAS [[6019-39-2]]
Biozol Catalog Number	FBM-10-3203
Supplier Catalog Number	10-3203
Alternative Catalog Number	FBM-10-3203-5MG, FBM-10-3203-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Enhances stem cell reprogramming...
Molecular Weight	236.27
Purity	>98% by TLC, NMR (Conforms)
Form	Light brown solid
CAS Number	[6019-39-2]
Formula	C15H12N2O
Application Notes	OAC2 (Oct4 Activating Compound 2) is an activator of octamer-binding transcription factor 4 (Oct4) which plays a role in self-renewal of undifferentiated embryonic stem cells and regulates embryonic stem cell pluripotency. Thus, OAC2 enhances iPSC reprogramming efficiency. ¹ OAC2 is one component in the 9C cocktail used to convert human fibroblasts to functional cardiomyocytes. ² It has been employed in the generation of chicken induced pluripotent stem cells from somatic cells using multi-lentiviral transduction. ³