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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