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Product Datasheet

SCR7 pyrazine, CAS [[14892-97-8]] FBM-10-3652

Artikelname	SCR7 pyrazine, CAS [[14892-97-8]]
Artikelnummer	FBM-10-3652
Hersteller Artikelnummer	10-3652
Alternativnummer	FBM-10-3652-5MG,FBM-10-3652-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	CRISPR enhancer...
Molekulargewicht	332.38
Reinheit	>98% by TLC NMR (Conforms)
Formulierung	Yellow solid
CAS Nummer	[14892-97-8]
Formel	C18H12N4OS
Anwendungsbeschreibung	SCR7 pyrazine enhances the efficiency of precise genome editing with CRISPR/Cas9 up to 19-fold via inhibition of nonhomologous end joining (NHEJ). ^{1,2} May be employed in an optimized CRISPR/Cas9 method to target methylation in a site-specific manner enabling maintenance of gene silencing in vitro and in vivo. ³ SCR7 pyrazine exhibits greater activity against DNA ligases I and III than DNA ligase IV. ⁴ Induces cancer cell death via inhibition of NHEJ and potentiates the effect of double strand break-inducing therapeutic modalities. ^{4,5}