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Product Datasheet

Biotin-isoxazole, CAS [[1377605-22-5]]

FBM-10-5400

Artikelname	Biotin-isoxazole, CAS [[1377605-22-5]]
Artikelnummer	FBM-10-5400
Hersteller Artikelnummer	10-5400
Alternativnummer	FBM-10-5400-1MG,FBM-10-5400-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Precipitates RNA Binding Proteins...
Molekulargewicht	520.66
Reinheit	98% by TLC nMR (Conforms)
Formulierung	Beige solid
CAS Nummer	[1377605-22-5]
Formel	C24H32N4O5S2
Anwendungsbeschreibung	Exposure of cell or tissue lysates to biotin-isoxazole precipitates hundreds of RNA-binding proteins with significant overlap to the constituents of RNA granules.^{1,2} In one study roughly 580 nuclear proteins were identified as being precipitated by B-Isox including TAF15, RNA polymerase II (largest subunit), numerous subunits of the mediator complex as well as a variety of enzymes involved in epigenetic modification of histones.³ SR domains were found to be the determinant that facilitates B-Isox precipitation.⁴ Also allows for the fractionation / isolation of SG-associated proteins and RNA precipitates.⁵