

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

Product Datasheet

ML382, CAS [[1646499-97-9]] FBM-10-3937

Artikelname	ML382, CAS [[1646499-97-9]]
Artikelnummer	FBM-10-3937
Hersteller Artikelnummer	10-3937
Alternativnummer	FBM-10-3937-10MG,FBM-10-3937-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	MRGPRX1 positive allosteric modulator...
Molekulargewicht	360.43
Reinheit	99% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1646499-97-9]
Formel	C18H20N2O4S

Anwendungsbeschreibung	ML382 is a potent ($EC_{50} = 190 \text{ nM}$ in the presence of the endogenous peptide MRGX1 agonist BAM8-22) and selective positive allosteric modulator of the Mas-related G protein-coupled receptor X1 (MRGX1 or MRGPRX1), a receptor whose expression is limited to subsets of small-diameter sensory neurons in dorsal root ganglia and trigeminal neurons.¹ ML382 significantly enhanced the antihyperalgesic effects of exogenously added BAM8-22 and in mouse models of persistent pain without exogenous BAM8-22, suggesting enhanced pain inhibition from a sufficient supply of endogenous MRGPRX1 ligands and a potential new pain therapeutic.²
------------------------	--