

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### YM-254890 FBM-10-1590

Article Name	YM-254890
Biozol Catalog Number	FBM-10-1590
Supplier Catalog Number	10-1590
Alternative Catalog Number	FBM-10-1590-100UG,FBM-10-1590-1MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Gq inhibitor...
Molecular Weight	960.10
Purity	95% by HPLC, NMR (Conforms)
Form	White or off-white lyophilize solid
CAS Number	[568580-02-9]
Formula	C <sub>46</sub> H <sub>69</sub> N <sub>7</sub> O <sub>15</sub>
Application Notes	YM-254890 is a novel Galphaq/11 inhibitor, <sup>1</sup> U46619-induced platelet aggregation is inhibited but phorbol ester- or ionophore-induced aggregation is not <sup>2</sup> (IC <sub>50</sub> = 0.1-0.2 μM) <sup>1</sup> . It blocks Pasteurella multocida toxin-mediated activation of Galphaq. <sup>3</sup> A highly useful new tool for studying Galphaq/11-coupled receptor signaling and resulting cellular events. <sup>4</sup>