

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

## Product Datasheet

### IM156, CAS [[1422365-93-2]] FBM-10-4657

Article Name	IM156, CAS [[1422365-93-2]]
Biozol Catalog Number	FBM-10-4657
Supplier Catalog Number	10-4657
Alternative Catalog Number	FBM-10-4657-5MG, FBM-10-4657-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	AMPK activator/Mitochondrial protein complex I inhibitor...
Molecular Weight	315.30
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1422365-93-2]
Formula	C13H16F3N5O
Application Notes	Potent activator of AMP-activated protein kinase (AMPK) showing greater activity than metformin or AICAR. <sup>1</sup> It displayed protective effects in vivo against peritoneal <sup>1</sup> , liver <sup>2</sup> , renal <sup>3</sup> , and pulmonary fibrosis <sup>4</sup> . IM156 induces metabolic stress in Myc+ lymphoma cells by inhibiting TCA cycle metabolism and mitochondrial respiration (inhibits mitochondrial protein complex 1). <sup>4</sup> IM156 acts as an antiproliferative in several cancer models. <sup>5-7</sup>