

---

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

## Product Datasheet

**DMB, CAS [[281209-71-0]]**

**FBM-10-3975**

Article Name	DMB, CAS [[281209-71-0]]
Biozol Catalog Number	FBM-10-3975
Supplier Catalog Number	10-3975
Alternative Catalog Number	FBM-10-3975-5MG, FBM-10-3975-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Gasdermin D agonist/GLP-1 agonist...
Molecular Weight	348.20
Purity	98% by HPLC , NMR (Conforms)
Form	Yellow solid
CAS Number	[281209-71-0]
Formula	C13H15Cl2N3O2S
Application Notes	DMB is a small molecule glucagon-like peptide 1 (GLP-1) allosteric modulator and agonist (EC50 = 101 nM). <sup>1</sup> It significantly stimulated insulin secretion in BRIN-BD11 cells and decreased overall glucose excursion in mice. <sup>2</sup> DMB is a direct and selective gasdermin D (GSDMD) agonist that activates GSDMD pore formation and pyroptosis without cleaving GSDMD (EC50 = 700 nM). <sup>3</sup> It induced pyroptosis in mouse cancer cell lines and induced tumor regression and enhanced antitumor immunity. DMB-treated tumor cells acted as a tumor vaccine in mice indicating that DMB can trigger immunogenic cell death that provides protective antitumor immunity.