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## Product Datasheet

### 13-Methylberberine chloride, CAS [[54260-72-9]]

### AMO-M54800

Article Name	13-Methylberberine chloride, CAS [[54260-72-9]]
Biozol Catalog Number	AMO-M54800
Supplier Catalog Number	M54800
Alternative Catalog Number	AMO-M54800-1MG,AMO-M54800-5MG
Manufacturer	Abmole Bioscience
Category	Biochemikalien
Product Description	13-Methylberberine chloride is a berberine analogue, has anti-adipogenic and antitumor activities. 13-Methylberberine chloride increases production of IL-12 and inhibits the expression of iNOS at posttranscriptional level in macrophages activated with LPS. It also inhibits the production of IL-10 and IL-13 in T cells. 13-Methylberberine chloride has been shown to inhibit the proliferation of various cancer cell lines, including breast, prostate, and lung cancer cells. It has also been shown to induce apoptosis in these cells. The mechanism of action of 13-Methylberberine chloride is not fully understood but it is believed to involve the inhibition of various enzymes and signaling pathways.
Molecular Weight	385.84
Purity	>98.5%
CAS Number	[54260-72-9]
Formula	C <sub>21</sub> H <sub>20</sub> CINO <sub>4</sub>
Target	IL Receptor/Related