

FABP4 Inhibitor - CAS 300657-03-8 - Calbiochem The FABP4 Inhibitor, also referenced under CAS 300657-03-8, controls the biological activity of FABP4.

Art. ID SAF-341310-5MG
Unit 1 x 5 mg
Deliverydetails No Dangerous Good /not restricted

Description

A cell-permeable biphenylazolo-oxyacetate that acts as a potent and selective inhibitor of adipocyte Fatty-Acid-Binding Protein (aFABP/aP2) by targeting its fatty acid-binding pocket ($K_i = <2$ nM in a competitive binding assay using 1,8-ANS), while exhibiting much lower affinity for muscle and epidermal FABP's ($K_i = 250$ nM and 350 nM, respectively). Shown to effectively block foam cell transformation and the cellular expression of inflammatory mediators in aP2-positive, but not aP2-negative, THP-1 macrophage in vitro, as well as improve the glucose metabolism and insulin sensitivity in mice in vivo.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	BMS-309403	[300657-03-8]				