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Product Datasheet

NG-497, CAS [[2598242-66-9]] FBM-10-4626

Article Name	NG-497, CAS [[2598242-66-9]]
Biozol Catalog Number	FBM-10-4626
Supplier Catalog Number	10-4626
Alternative Catalog Number	FBM-10-4626-5MG,FBM-10-4626-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Human ATGL inhibitor...
Molecular Weight	315.37
Purity	98% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[2598242-66-9]
Formula	C18H21NO4
Application Notes	NG-497 is the first small molecule inhibitor ($IC_{50} = 1 \mu M$) of human and rhesus monkey adipose triglyceride lipase (ATGL). It is inactive against mouse, rat, goat, pig, dog, and marmoset ATGL orthologues. Of the eight enzymes expressed by humans in the patatin-like phospholipase domain-containing (PNPLA) protein family, NG-497 was selective for PNPLA 2 (ATGL). NG-497 was also inactive against HSL, CES2, LPL, and HL. Reversible and non-toxic.