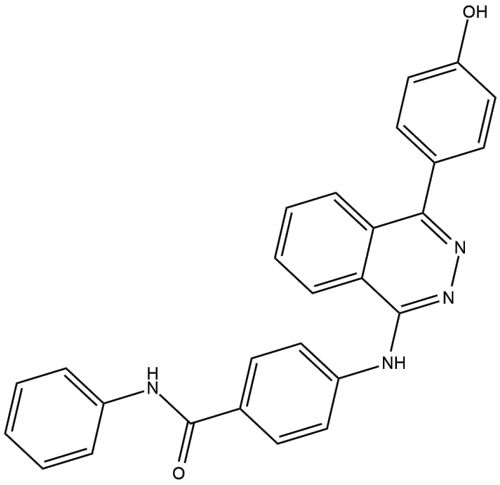
Product Data Sheet

Product Name: ARN272
Cat. No.: GC18448

Chemical Properties

Cas. No.	488793-85-7		
Chemical Name	4-[[4-(4-hydroxyphenyl)-1-phthalazinyl]amino]-N-phenyl-benzamide		
SMILES	OC1=CC=C(C2=NN=C(NC3=CC=C(C(NC4=CC=CC=C4)=O)C=C3)C5=C2C=CC=C5)C=C1		
Formula	$C_{27}H_{20}N_4O_2$	M.Wt	432.5
Solubility	DMSO : 125 mg/mL (289.04 mM; Need ultrasonic)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

ARN272 is an anandamide transport inhibitor[1].

References:

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[1]. O'Brien LD, et al. Anandamide transport inhibition by ARN272 attenuates nausea-induced behaviour in rats, and vomiting in shrews (Suncus murinus). Br J Pharmacol. 2013 Nov;170(5):1130-6.

Caution: Product has not been fully validated for medical applications. For research use only.
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