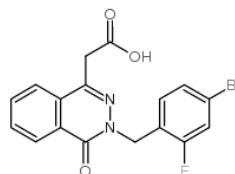


Product Name	: Ponalrestat
Synonyms	: ICI 128436; MK-538; Ponalrestat
Cat No.	: M15783
CAS Number	: 72702-95-5
Molecular Formula	: C ₁₇ H ₁₂ BrFN ₂ O ₃
Formula Weight	: 391.19
Chemical Name	: 2-(3-(4-bromo-2-fluorobenzyl)-4-oxo-3,4-dihydrophthalazin-1-yl)acetic acid
Description	: ponalrestat, an aldose reductase inhibitor, activates lipoprotein lipase (LPL) activity in the adipose tissue and alleviates the cachectic symptoms induced by B16 melanoma in mice.
Pathway	: Endocrinology/Hormones
Target	: Reductase
Receptor	: Aldose reductase
Solubility	: DMSO: 10 mM
SMILES	: <chem>O=C(O)CC1=NN(CC2=CC=C(Br)C=C2F)C(=O)C3=C1C=CC=C3=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Pekiner C, McLean WG. Br J Pharmacol. 1990 Dec;101(4):978-80.