



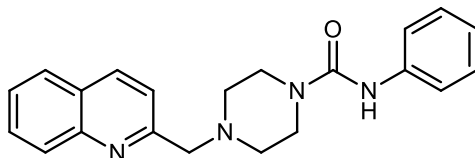
Catalog # 10-1299

PF-622

CAS# 898235-65-9

N-Phenyl-4-(quinolin-2-ylmethyl)piperazine-1-carboxamide

Lot # X104150



A potent and selective irreversible FAAH inhibitor. Covalently modifies active site-serine ($IC_{50}=33$ nM). Completely selective for FAAH relative to other mammalian serine hydrolases. Cell permeable

- 1) Ahn *et al.* (2007), *Novel mechanistic class of fatty acid amide hydrolase inhibitors with remarkable selectivity*; *Biochemistry*, **46** 13019

PHYSICAL DATA

Molecular Weight:	346.44
Molecular Formula:	C ₂₁ H ₂₂ N ₄ O
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 25 mg/ml) or Ethanol (up to 3 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied desiccated at room temperature for up to 2 years from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

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