PRODUCT INFORMATION

LY433771
Item No. 35406

CAS Registry No.:	220862-64-6
Formal Name:	2-[[5-(aminocarbonyl)-9-(cyclohexylmethyl)-9H-carbazol-4-yl]oxy]-acetic acid
Synonym:	LSN433771
MF:	$C_{22}H_{24}N_2O_4$
FW:	380.4
Purity:	≥98%
UV/Vis.:	λ_{max}: 227, 250, 291, 346 nm
Supplied as:	A crystalline solid
Storage:	-20°C
Stability:	≥2 years
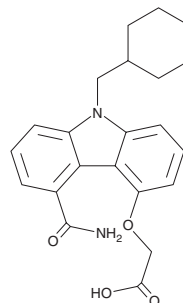
Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

LY433771 is supplied as a crystalline solid. A stock solution may be made by dissolving the LY433771 in the solvent of choice, which should be purged with an inert gas. LY433771 is soluble in organic solvents such as DMSO and dimethyl formamide. The solubility of LY433771 in these solvents is approximately 3 mg/ml.

Description

LY433771 is an inhibitor of type X secretory phospholipase A_2 (sPLA$_2$; IC$_{50}$ = 3 nM).[1]

Reference

1. Ono, T., Ueno, M., and Hanasaki, K. V type and/or x type sPLA2 inhibitors. *Nogi Pharmaceutical Co., Ltd*. **WO2001026653A1** (2001).