

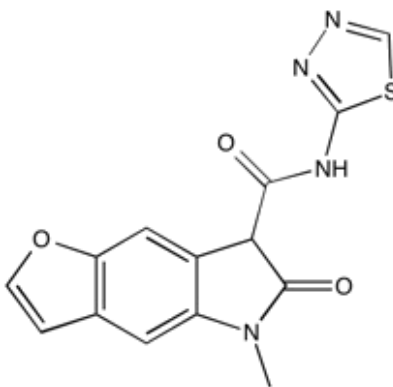
Catalog # 10-1319

BML-288

CAS# 851681-89-5

6,7-Dihydro-5-methyl-6-oxo-N-(1,3,4-thiadiazol-2-yl)-5H-furo[2,3-f]indole-7-carboxamide

Lot # X104083



Potent and selective inhibitor of phosphodiesterase PDE2, $IC_{50} = 40$ nM. More potent than EHNA, another commonly used PDE2 inhibitor. Displays no effect on a panel of over 80 receptors, ion channels and enzymes.¹ Cell permeable

- 1) Chambers et al. (2006), *A new chemical tool for exploring the physiological function of the PDE2 isozyme*; *Bioorg. Med. Chem. Lett.*, **16** 307

PHYSICAL DATA

Molecular Weight:	314.32
Molecular Formula:	C ₁₄ H ₁₀ N ₄ O ₃ S
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	Soluble in DMSO (up to 25 mg/ml)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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