

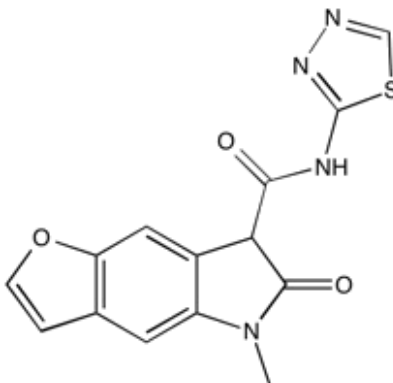
**Catalog # 10-1319**

**BML-288**

CAS# 851-55-3

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.<sup>1</sup> 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 <sub>14</sub> H <sub>10</sub> N <sub>4</sub> O <sub>3</sub> 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.

**Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.**