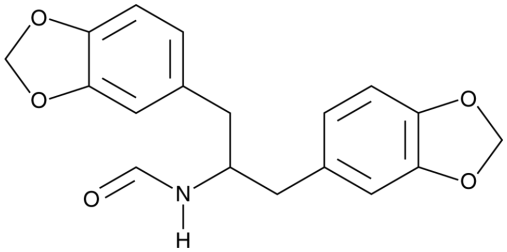
Product Data Sheet

Product Name: ECSI#6
Cat. No.: GC91936

Chemical Properties

Cas. No.	860456-56-0		
Chemical Name	N-[2-(1,3-benzodioxol-5-yl)-1-(1,3-benzodioxol-5-ylmethyl)ethyl]-formamide		
SMILES	O=CNC(CC1=CC=C2OCOC2=C1)CC3=CC=C4OCOC4=C3		
Formula	$C_{18}H_{17}NO_5$	M.Wt	327.3
Solubility	Acetonitrile: Slightly soluble: 0.1-1 mg/ml,DMSO: Sparingly soluble: 1-10 mg/ml,Water: Slightly soluble: 0.1-1 mg/ml	Storage	-20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Background

ECSI#6 is an inhibitor of the serotonin transporter (SERT), dopamine transporter (DAT), and norepinephrine transporter (NET).[1] It inhibits serotonin, dopamine, and norepinephrine uptake in HEK293 cells expressing human SERT, DAT, and NET (IC_{50}s = 8, 48.2, and 17 ?M, respectively).

References:

[1]. Pifl, C., Nagy, G., Berényi, S., et al.Pharmacological characterization of ecstasy synthesis

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

byproducts with recombinant human monoamine transportersJ. Pharmacol. Exp. Ther.14(1)346-354(2005).