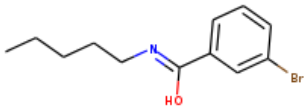
Benzamide, 3-bromo-N-pentyl-

InChI: InChI=1S/C12H16BrNO/c1-2-3-4-8-14-12(15)10-6-5-7-11(13)9-10/h5-7,9H,2-4,8H2,1H3,(H,14,15)
InChI Key: FPVZVKLBFHUYOM-UHFFFAOYSA-N
Formula: C12H16BrNO
SMILES: CCCCCN=C(O)c1cccc(Br)c1
Molecular Weight: 270.17



Physical Properties

Property	Value	Unit	Source
$\Delta_f H°_{gas}$	-119.42	kJ/mol	Joback Method
$\Delta_{vap} H°$	71.75	kJ/mol	Joback Method
$logP_{oct/wat}$	3.94		Crippen Method
P_c	2517.59	kPa	Joback Method
T_{boil}	740.52	K	Joback Method
T_c	956.69	K	Joback Method

Sources

Joback Method: https://en.wikipedia.org/wiki/Joback_method
NIST Webbook: http://webbook.nist.gov/cgi/inchi/InChI=1S/C12H16BrNO/c1-2-3-4-8-14-12(15)10-6-5-7-11(13)9-10/h5-7,9H,2-4,8H2,1H3,(H,14,15)
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

$\Delta_f H°_{gas}$: Enthalpy of formation at standard conditions (kJ/mol).
$\Delta_{vap} H°$: Enthalpy of vaporization at standard conditions (kJ/mol).
$logP_{oct/wat}$: Octanol/Water partition coefficient .
P_c: Critical Pressure (kPa).
T_{boil}: Normal Boiling Point Temperature (K).

T_c: Critical Temperature (K).