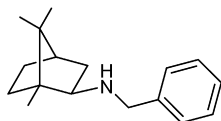


Stereochemistry abstracts

Jayaraman Kannappan, Aditya N. Khanvilkar, Gourav M. Upadhyay, Ashutosh V. Bedekar *

Tetrahedron: Asymmetry 28 (2017) 1297



$C_{17}H_{25}N$

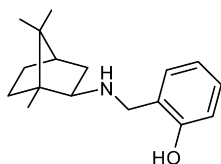
(1R,2R,4R)-N-Benzyl-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

$[\alpha]_D^{28} = -82.6$ (c 1, $CHCl_3$)

Source of chirality: (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

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$C_{17}H_{25}NO$

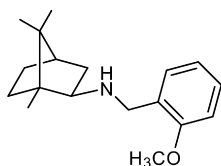
2-((((1R,2R,4R)-1,7,7-Trimethylbicyclo[2.2.1]heptan-2-yl)amino)methyl)phenol

$[\alpha]_D^{28} = -90.5$ (c 1, $CHCl_3$)

Source of chirality: (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

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$C_{18}H_{27}NO$

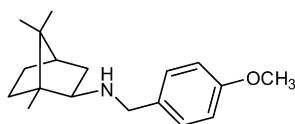
(1R,2R,4R)-N-(2-Methoxybenzyl)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

$[\alpha]_D^{28} = -108.0$ (c 1, $CHCl_3$)

Source of chirality: (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

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$C_{18}H_{27}NO$

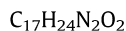
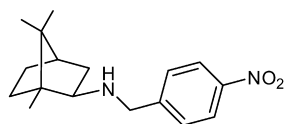
(1R,2R,4R)-N-(4-Methoxybenzyl)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

$[\alpha]_D^{28} = -85.6$ (c 1, $CHCl_3$)

Source of chirality: (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

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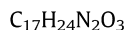
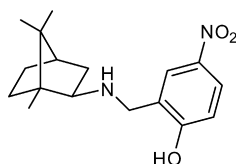
(1R,2R,4R)-N-(4-Nitrobenzyl)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

$[\alpha]_D^{28} = -29.5$ (c 1, $CHCl_3$)

Source of chirality: (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

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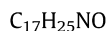
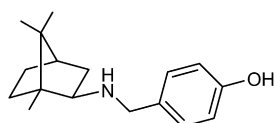
5-Nitro-2-((((1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-yl)amino)methyl)phenol

$[\alpha]_D^{28} = -68.2$ (c 1, $CHCl_3$)

Source of chirality: (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

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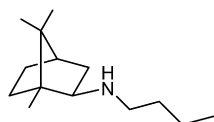
4-((((1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-yl)amino)methyl)phenol

$[\alpha]_D^{28} = -75.1$ (c 1, $CHCl_3$)

Source of chirality: (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

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(1R,2R,4R)-N-Butyl-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

$[\alpha]_D^{28} = -7.45$ (c 1, $CHCl_3$)

Source of chirality: (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-amine

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