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4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanol

National Cancer Institute

Source

National Cancer Institute. *4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanol*. NCI Thesaurus. Code C127127.

The major metabolite of the potentially carcinogenic nitrosamine 4-methylnitrosamino-1,3-pyridyl-1-butanone (nicotine-derived nitrosamine ketone; NNK) that is detected in the urine of subjects exposed to tobacco products. 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol (nicotine-derived nitrosamine alcohol; NNAL) is produced by carbonyl reduction of NNK and may also be a carcinogen.