## **Open Peer Review on Qeios**

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

National Cancer Institute

## Source

*National Cancer Institute. <u>4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanol Glucuronide</u>. NCI Thesaurus. Code C127128.* 

A non-carcinogenic and detoxified glucuronidated form of 4-(methylnitrosamino)-1-(3pyridyl)-1-butanol (nicotine-derived nitrosamine alcohol; NNAL), which is the primary metabolite of the potentially carcinogenic nitrosamine 4-methylnitrosamino-1,3-pyridyl-1-butanone (nicotine-derived nitrosamine ketone; NNK). NNAL-gluconuronide is detected in the urine of subjects exposed to tobacco products.