

A/O, I, 27, 3

15 January 1952

A MEMORANDUM FOR: _____, TO

SUBJECT : Use of a Chemical Compound

A 1. About a month ago, _____ asked me if we could give him any information on nicotinic acid. We have made a number of discreet inquiries and have turned up information as noted herein. This information comes from one of the most prominent pharmacologists in the United States. We are making further inquiries of sources recommended by the individual who provided this information. One source in particular is reported to be doing research in nicotinic acid and we may obtain even more useful information.

2. The information provided is as follows:

The common use of nicotinic acid is as a vitamin; it is used principally as a preventative for pellagra (a skin affection with severe constitutional and nervous symptoms) in the southern part of the US. Its therapeutic action in these cases is in developing a psychosis and dilating the blood vessels.

Since nicotinic acid is a peripheral dilator of blood vessels, it might also be used in the treatment of frost bite but there is no published indication that this type of therapy has ever been developed anywhere.

His staff has done much work on using a combination of nicotinomid with prívine for the treatment of schizophrenic patients. Prívine is a nicotinic acid inhibitor (B 45) and, although very lethal in animals, is not poisonous for human beings. The nicotinomid-prívine combination produces a shock reaction which does not involve convulsions. Experiments in this have been made on patients at a State Hospital nearby but are no longer being carried on because of the lack of funds and the difficulty in travel between the medical college laboratories and the hospital.

The source did not know of other doctors or laboratories in the US or abroad who were working with this nicotinomid-prívine combination or other nicotinic acid compounds. He could not recall having seen any publications on this subject.

OSI/ _____

