



## Neurocrine Biosciences Announces Initiation of Phase 1 Clinical Study Evaluating Effects of NBI-1117567 in Healthy Adults

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SAN DIEGO, May 8, 2024 /PRNewswire/ -- [Neurocrine Biosciences, Inc.](#) (Nasdaq: NBIX), today announced the initiation of its Phase 1 first-in-human clinical study to evaluate the safety, tolerability, pharmacokinetics, and pharmacodynamics of investigational compound NBI-1117567 in healthy adult participants. NBI-1117567 is an investigational, oral, M1/M4 (M1 preferring) selective muscarinic agonist for the potential treatment of neurological and neuropsychiatric conditions.



"Neurocrine Biosciences has the largest muscarinic portfolio in the industry, with compounds in development for psychiatric and neurological disorders," said Eiry W. Roberts, M.D., Chief Medical Officer at Neurocrine Biosciences. "As an M1 preferring M1/M4 agonist, NBI-1117567 has the potential to treat symptoms of cognition in patients with neurological and neuropsychiatric conditions where psychosis might also be present."

### About NBI-1117567

NBI-1117567 is an investigational, oral, M1/M4 (M1 preferring) selective muscarinic agonist. Muscarinic receptors are fundamental to activating signaling pathways in the brain. There are five muscarinic acetylcholine receptors involved in neurotransmission, two of which are selectively targeted by NBI-1117567 (M1 preferring and M4), with M1 validated as a potential drug target in cognition and M4 in psychosis. Neurocrine Biosciences acquired the rights to develop and commercialize NBI-1117567 from Nxera Pharma (formerly Sosei Heptares).

### About Neurocrine Biosciences

Neurocrine Biosciences is a leading neuroscience-focused, biopharmaceutical company with a simple purpose: to relieve suffering for people with great needs, but few options. We are dedicated to discovering and developing life-changing treatments for patients with under-addressed neurological, neuroendocrine and neuropsychiatric disorders. The company's diverse portfolio includes FDA-approved treatments for tardive dyskinesia, chorea associated with Huntington's disease, endometriosis\* and uterine fibroids\*, as well as a robust pipeline including multiple compounds in mid- to late-phase clinical development across our core therapeutic areas. For three decades, we have applied our unique insight into neuroscience and the interconnections between brain and body systems to treat complex conditions. We relentlessly pursue medicines to ease the burden of debilitating diseases and disorders, because you deserve brave science. For more information, visit [neurocrine.com](https://www.neurocrine.com), and follow the company on [LinkedIn](#), [X \(formerly Twitter\)](#), and [Facebook](#).

(\*in collaboration with AbbVie)

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### Forward-Looking Statements

In addition to historical facts, this press release contains forward-looking statements that involve a number of risks and uncertainties. These statements include, but are not limited to, statements related to the potential benefits of NBI-1117567. Among the factors that could cause actual results to differ materially from those indicated in the forward-looking statements are: risks that clinical development activities may not be initiated or completed on time or at all, or may be delayed for regulatory, manufacturing, or other reasons, may not be successful or replicate previous clinical trial results, may fail to demonstrate that our product candidates are safe and effective, or may not be predictive of real-world results or of results in subsequent clinical trials; our future financial and operating performance; risks associated with our dependence on third parties for development, manufacturing, and commercialization activities for our products and product candidates, and our ability to manage these third parties; risks that the FDA or other regulatory authorities may make adverse decisions regarding our products or product candidates; risks that the potential benefits of the agreements with our collaboration partners may never be realized; risks that our products, and/or our product candidates may be precluded from commercialization by the proprietary or regulatory rights of third parties, or have unintended side effects, adverse reactions or incidents of misuse; risks associated with U.S. federal or state legislative or regulatory and/or policy efforts which may result in, among other things, an adverse impact on our revenues or potential revenue; risks associated with potential generic entrants for our products; and other risks described in the Company's periodic reports filed

with the Securities and Exchange Commission, including without limitation the Company's quarterly report on Form 10-Q for the quarter ended March 31, 2024. Neurocrine Biosciences disclaims any obligation to update the statements contained in this press release after the date hereof other than required by law.

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